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The Annual Index also carries the abstract number in place of a page number reference. This year's Index drops the year (volume) reference to make room for the issue and abstract number. The year (volume) appears in the heading on each page of the Index.

The Secretary of Commerce has determined that the publication of this periodical is necessary in the transaction of the public business required by law of this department. Use of funds for printing this periodical has been approved by the Director of the Office of Management and Budget through August 1, 1986.

KEYWORD INDEX

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Index entries in this section are selected to indicate important ideas and concepts presented in a report. When using the keyword index, be sure to look under terms narrower, broader, or related to a particular topic. Although some of the keywords are not selected from a controlled vocabulary of terms, most of them have been selected from the DoD, DoE, NASA, or NTIS controlled vocabularies. The entries are arranged by keyword and then by the NTIS order number.

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DE85780368 **13**-*530,464* PC **A13**/MF **A01**

Environmental Survey at the Lucas Heights Research Laboratories 1982.
DE85780504 **17**-*539,070* PC **A03**/MF **A01**

Thirty-First Annual Report 1982-1983 (for the Australian Atomic Energy Commission Research Establishment).
DE85780679 16-*535,424* PC A06/MF A01

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DE85781509 25-*557,427* PC A02/MF A01

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National Program for Inspection of Non-Federal Dams. Abbott Memorial Trust Dam (NH 00260) (NHWRB 254.05) Merrimack River Basin, Wilton, New Hampshire. Phase I Inspection Report.
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AD-A147 468/3 03-*506,216* PC A02/MF A01

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N85-17726/9 11-*524,299* PC **A08**/MF **A01**

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PAT-APPL-6-717 624 20-*544,744* PC **A03**/MF **A01**

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AD-A154 918/7 18-*540,817* PC **A13**/MF **A01**

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PAT-APPL-6-569 536 01-*501,498* PC **A02**/MF **A01**

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PATENT-4 470 293 02-504,490 Not available NTIS

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PATENT-4 488 335 13-529,422 Not available NTIS

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AD-P004 890/4 19-543,153 PC A02/MF A01

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N85-31296/5 23-553,126 PC A03/MF A01

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N85-32150/3 24-555,724 PC A03/MF A01

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PATENT-4 476 285 10-522,069 Not available NTIS

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PATENT-4 486 179 07-514,956 Not available NTIS

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PATENT-4 497 935 15-533,972 Not available NTIS

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PB85-141133 **06**-*513,107* PC **A07**/MF **A01**

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PB85-141265 **06**-*513,120* PC **A05**/MF **A01**

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PB85-141596 **07**-*515,502* PC **E04**/MF **E04**

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PB85-141315 **06**-*513,125* PC **A99**/MF **E10**

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AD-A146 464/3 **01**-*501,025* PC **A02**/MF **A01**

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DE85001073 **06**-*514,059* PC **A02**/MF **A01**

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DE85009482 **24**-*557,016* PC **A03**/MF **A01**

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DE84006294 **02**-*505,145* PC **A10**/MF **A01**

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DE85700489 16-*536,936* PC **A02**/MF **A01**

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AD-A146 894/1 02-*503,510* PC **A02**/MF **A01**

Laser Spectroscopy of Alkali Atom-Tetrahaloethylene Reactions.
AD-A147 431/1 03-*505,836* PC **A02**/MF **A01**

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AD-A148 667/9 06-*513,228* PC **A03**/MF **A01**

Heterocontact Effects in Point Contact Electron-Phonon Spectroscopy of the Alkali Metals.
AD-A149 760/1 09-*520,690* PC **A03**/MF **A01**

Study of the Chemistry of Alkali Metals in the Upper Atmosphere.
AD-A156 349/3 21-*547,258* PC **A04**/MF **A01**

A Study of Selective Adsorption of Na+ and Other Alkali-Metal Ions on Isolated Proteins: A Test of the Salt-Linkage Hypothesis.
AD-A156 859/1 22-*549,712* PC **A02**/MF **A01**

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N84-33531/4 01-*500,935* PC **A02**/MF **A01**

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PB85-120582 04-*508,836* Not available NTIS

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PB85-200095 15-*534,233* PC **A03**/MF **A01**

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AD-A148 673/7 06-*513,536* PC **A03**/MF **A01**

Research on Oxidation by Air and Tempering of Raney Nickel Electrocatalysts for the H2 Anodes of Alkali Combustion Materials Cells.
N84-33535/5 01-*501,490* PC **A06**/MF **A01**

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PATENT-4 505 998 22-*550,366* Not available NTIS

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Separation of Selected Cations by Liquid Membranes. Progress Report, 1 December 1982-31 July 1985.
DE85016821 26-*560,490* PC **A02**/MF **A01**

Conformation and Binding of Alkaline-Earth Dihalide Molecules in an Ionic Model.
DE85701154 20-*544,975* PC **A02**/MF **A01**

ALKALINE EARTH METALS

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AD-A146 894/1 02-*503,510* PC **A02**/MF **A01**

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DE85005527 10-*521,665* PC **A02**

ALKALINE LUMINOLPERBORATE REACTION

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N85-28025/3 20-*545,000* PC **A02**/MF **A01**

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DE84016572 02-*504,690* PC **A02**/MF **A01**

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DE85012231 20-*544,966* PC **A09**/MF **A01**

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N85-13066/4 07-*515,668* PC **A03**/MF **A01**

Process for Functionalizing Alkanes.
PAT-APPL-6-619 886 21-*547,820* PC **A02**/MF **A01**

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Organic Redox Transformations at Chemically Modified Surfaces. Progress Report, 1984-1985.
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PB85-103869 01-*502,727* PC **E03**/MF **E01**

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DE85007773 13-*530,653* PC **A11**/MF **A01**

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DE85016815 **26**-*560,929* PC **A02**/MF **A01**

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DE85017533 **26**-*560,937* PC **A03**/MF **A01**

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DE85700826 **18**-*541,891* PC **A02**/MF **A01**

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DE85701204 **21**-*549,161* PC **A02**/MF **A01**

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DE85781439 **25**-*558,397* PC **A11**/MF **A01**

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DE84703386 **09**-*520,396* PC **A02**/MF **A01**

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Hugoniot Measurements of Preheated Aluminum Nitride Powder.
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Pressure-Density Behavior for AlN, Al sub 2 O sub 3 , SiO sub 2 , TiB sub 2 and TiC Powders Up to 3.5 GPa.
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N85-25501/6 **18**-*540,854* PC **A02**/MF **A01**

Spectroscopic Studies of a Railgun Muzzle Flash.
N85-26837/3 **19**-*543,686* PC **A02**/MF **A01**

Effect of Low-Velocity or Ballistic Impact Damage on the Strength of Thin Composite and Aluminum Shear Panels.
N85-26924/9 **19**-*543,189* PC **A03**/MF **A01**

Application of Brilee Rivets for Mechanical Jointing of Aramid Reinforced Aluminum Laminate (ARALL).
N85-27279/7 **19**-*543,582* PC **A02**/MF **A01**

Friction and Wear Behavior of Aluminum and Composite I-Beam Stiffened Airplane Skins.
N85-27852/1 **20**-*545,481* PC **A03**/MF **A01**

Impact Dynamics Research on Composite Transport Structures.
N85-30367/5 **22**-*549,314* PC **A02**/MF **A01**

Sliding Bed (Trademark) Aluminum Scrap Preheater.
PB85-118529 **02**-*504,4*[illegible] PC **A05**/MF **A01**

Temperaturmessungen an Hohlladungsstrahlen (Temperature Measurements on Hollow-Charge Beams),
PB85-119816 **06**-*511,700* PC **E04**/MF **E04**

Electronic States of Al2.
PB85-129005 **05**-*511,263* Not available NTIS

Aluminium in Offshore Constructions: Fireprotection,
PB85-161073 **11**-*524,762* PC **E04**/MF **E04**

Review of the Toxicity of Aluminium in Fresh Water.
PB85-180081 **16**-*535,669* PC **E06**/MF **E06**

Auger Electron Emission from the Decay of Collisionally-Excited Atoms Sputtered from Al and Si.
PB85-182814 **15**-*533,591* Not available NTIS

Certification of Boron in Primary Ingot Aluminium (BCR No. 25),
PB85-194439 **17**-*538,281* PC **E03**/MF **E03**

Trace Metal Concentrations in the Offshore Waters of Lakes Erie and Michigan.
PB85-199396 **18**-*540,254* PC **A09**/MF **A01**

Acute Effects of Aluminum and Acidity Upon Nine Stream Insects.
PB85-214948 **20**-*545,106* PC **A03**/MF **A01**

Use of Induced Fluorescence Measurements to Assess Aluminum-Organic Interactions in Acidified Lakes.
PB85-216984 **20**-*545,017* PC **A02**/MF **A01**

Electrical Resistivity of Aluminum and Manganese,
PB85-219871 **20**-*547,005* Not available NTIS

Two Temperature Equations of State (EOS) for Aluminum,
PB85-228989 **22**-*551,705* PC **E04**/MF **E01**

Phosphate Coatings: Aluminum and Aluminum Alloys. 1966-1984 (Citations from the Metals Abstracts Data Base).
PB85-852572 **03**-*506,401* PC **N01**/MF **N01**

Pitting Corrosion of Aluminum and Aluminum Alloys. 1970-February 1985 (Citations from the Engineering Index Data Base).
PB85-855682 **08**-*516,913* PC **N01**/MF **N01**

Aluminum Production: The Hall-Heroult Process. 1966-February 1985 (Citations from the Metals Abstracts Data Base).
PB85-855690 **08**-*516,914* PC **N01**/MF **N01**

Powder Metallurgy of Aluminum and Aluminum Alloys. 1970-January 1984 (Citations from the Engineering Index Data Base).
PB85-861011 **15**-*534,049* PC **N01**/MF **N01**

Powder Metallurgy of Aluminum and Aluminum Alloys. February 1984-May 1985 (Citations from the Engineering Index Data Base).
PB85-861029 **15**-*534,050* PC **N01**/MF **N01**

Anodizing Aluminum. 1974-June 1985 (Citations from the International Aerospace Abstracts Data Base).
PB85-861912 **16**-*536,334* PC **N01**/MF **N01**

Adhesive Bonding of Aluminum and Aluminum Alloys. 1973-June 1985 (Citations from the Rubber and Plastics Research Association Data Base).
PB85-862142 **16**-*536,335* PC **N01**/MF **N01**

Anodizing Aluminum. 1970-July 1985 (Citations from the Engineering Index Data Base).
PB85-864577 **19**-*543,171* PC **N01**/MF **N01**

ALUMINUM ALLOY 2024

Examen Micrographique et Fractographique sur les Alliages 2214 et 2024 pour des Conditions de Mises en Solution Pouvant Entrainer la Brulure du Metal (Micrographic and Fractographic Examinations on Alloys 2214 and 2024 for Beginning-Solution Conditions, Capable of Leading to Metal Burning).
PB85-140556 **06**-*513,612* PC **E04**/MF **E04**

ALUMINUM ALLOY 2214

Examen Micrographique et Fractographique sur les Alliages 2214 et 2024 pour des Conditions de Mises en Solution Pouvant Entrainer la Brulure du Metal (Micrographic and Fractographic Examinations on Alloys 2214 and 2024 for Beginning-Solution Conditions, Capable of Leading to Metal Burning).
PB85-140556 **06**-*513,612* PC **E04**/MF **E04**

ALUMINUM ALLOY 7010

Caracterisation de l'Alliage d'Aluminium 7010 en Gros Profiles, aux Etats Metallurgiques T 6510, T 76510 et T 736510 (Characterization of 7010 Aluminum Alloy in Heavy Sections in Metallurical States T 6510, T 76510 and T 736510),
PB85-222958 **22**-*550,480* PC **E05**/MF **E05**

ALUMINUM ALLOY 7075

Properties of a Retrogressed and Re-Aged 7075 Aluminum Alloy.
AD-A157 415/1 **23**-*553,158* PC **A03**/MF **A01**

ALUMINUM ALLOYS

Observation of Oxide Skin in Powder Metallurgy Aluminum Alloys.
AD-A145 919/7 **01**-*501,534* PC **A04**/MF **A01**

Effect of Potential on the Corrosion Fatigue Behavior of a Precipitation Hardened Aluminum Alloy.
AD-A146 537/6 **01**-*501,542* PC **A03**/MF **A01**

Mechanical Property Data 7050-T736511 Alloy.
AD-A147 365/1 **03**-*506,417* PC **A02**/MF **A01**

Application of Electrochemical Engineering Methods and Theory to Solving Corrosion and Adhesion Problems with Organic Coatings.
AD-A147 799/1 **04**-*509,384* PC **A06**/MF **A01**

Fluctuation Phenomena Studies in Chemically Sensitive Field Effect Transistor. Part 1. Corrosion of Aluminum.
AD-A148 240/5 **05**-*511,455* PC **A03**/MF **A01**

Rapid Solidification Processing and Powder Metallurgy of Al Alloys.
AD-A148 427/8 **05**-*511,681* PC **A06**/MF **A01**

Application of Rapidly Solidified Alloys.
AD-A148 539/0 **05**-*511,682* PC **A03**/MF **A01**

Measurement of Small Elastic Anisotropy in Solids Using Laser-Induced Ultrasonic Pulses.
AD-A149 149/7 **08**-*516,860* PC **A02**/MF **A01**

Role of Hydrogen in the Stress Corrosion Failure of High Strength Al-Zn-Mg Alloys.
AD-A150 891/0 **11**-*524,484* PC **A03**/MF **A01**

Effect of Notch Acuity on the Fracture Toughness of Silicon Carbide/Aluminum Metal Matrix Composites.
AD-A150 970/2 **11**-*524,450* PC **A02**/MF **A01**

Synthesis and Properties of Elevated Temperature P/M Aluminum Alloys.
AD-A151 031/2 **11**-*524,466* PC **A05**/MF **A01**

Mechanisms of Corrosion Fatigue in High Strength I/M (Ingot Metallurgy) and P/M (Powder Metallurgy) Aluminum Alloys.
AD-A151 177/3 **12**-*527,094* PC **A07**/MF **A01**

Mossbauer Spectrometry: Testing of a New Computer Based System and Its Application to a Study of an Aluminum-Iron-Cerium Alloy.
AD-A151 826/5 **13**-*529,466* PC **A05**/MF **A01**

Transition Region for Corner Cracks at Holes.
AD-A151 835/6 **13**-*529,467* PC **A07**/MF **A01**

Metallurgical Characterization of Aluminum Powder Consolidation.
AD-A151 990/9 **13**-*529,468* PC **A03**/MF **A01**

Superplasticity in a Thermo-Mechanically Processed Aluminum-10.2%Mg-0.52%Mn Alloy.
AD-A152 016/2 **13**-*529,469* PC **A06**/MF **A01**

Pressurized Crystallization of Aluminum Alloy AA 5086.
AD-A152 662/3 **14**-*531,851* PC **A03**/MF **A01**

Cast Aluminum Components. Volume 3.
AD-A153 545/9 **16**-*536,699* PC **A03**/MF **A01**

Corrosion Fatigue Cooperative Testing Program Statistical Analysis.
AD-A153 886/7 **16**-*536,134* PC **A03**/MF **A01**

Effects of Annealing Treatments on Superplasticity in a Thermomechanically Processed Aluminum-10.2%Mg-0.52%Mn.
AD-A154 414/7 **17**-*538,223* PC **A05**/MF **A01**

Understanding and Laboratory Prediction of the Atmospheric Corrosion behavior of Steels and of Non-Ferrous Metals and Alloys.
AD-A154 642/3 **18**-*540,829* PC **A03**/MF **A01**

Effect of Abrasive Blasting on the Fatigue and Corrosion of an Aluminium-Copper Alloy.
AD-A154 954/2 **18**-*540,833* PC **A02**/MF **A01**

Effect of Alloy Additions on Superplasticity in Thermomechanically Processed High Magnesium Aluminum-Magnesium Alloys.
AD-A155 142/3 **19**-*543,204* PC **A07**/MF **A01**

Cast Aluminum Components. Volume 1.
AD-A155 444/3 **19**-*543,208* PC **A05**/MF **A01**

Prediction of Plasticity Characteristics for Three-Dimensional Fracture Specimens Comparison with Experiment.
AD-A156 425/1 **21**-*548,142* PC **A03**/MF **A01**

Chemical Profiling and Structural Studies of Ion-Beam-Mixed Aluminum on Silicon.
AD-A157 060/5 **23**-*554,306* Not available NTIS

Properties of a Retrogressed and Re-Aged 7075 Aluminum Alloy.
AD-A157 415/1 **23**-*553,158* PC **A03**/MF **A01**

Effects of Manufacturing Processes on Structural Allowables.
AD-A157 596/8 **23**-*553,161* PC **A09**/MF **A01**

Microstructure/Property Relationships for Carbon Fiber Reinforced Aluminum Alloys.
AD-A157 858/2 **24**-*555,718* PC **A06**/MF **A01**

Fundamental Studies on the Aluminum-Lithium-Beryllium Alloy System.
AD-A158 088/5 **24**-*555,734* PC **A04**/MF **A01**

Resistance to Fracture, Fatigue and Stress-Corrosion of Al-Cu-Li-Zr Alloys.
AD-A158 407/7 **25**-*558,402* PC **A11**/MF **A01**

Delayed Fracture of Aluminum Alloys.
AD-A158 944/9 **25**-*558,421* PC **A03**/MF **A01**

Ignition Phenomena of Bulk Aluminum Alloy as a Function of Oxygen Pressure.
AD-P004 524/5 **15**-*535,134* PC **A02**/MF **A01**

Engineering Property Comparisons of Powder Metallurgy (PM) Alloy X7091-T7E69 and Ingot Metallurgy (IM) Alloy Forgings.
N84-33583/5 **01**-*501,553* PC **A02**/MF **A01**

Corrosion Properties of Spacelab Structural Alloy Aluminum 2219-T851.
N84-33585/0 **01**-*501,555* PC **A05**/MF **A01**

Directional Solidification of Al2-Cu-Al and Al3-Ni-Al Eutectics During Texus Rocket Flight.
N84-34602/2 **02**-*504,078* PC **A04**/MF **A01**

Effect of Penetrant on Fatigue of Aluminum Alloy Lap Joints.
N85-10373/7 **03**-*506,724* PC **A02**/MF **A01**

Flight Simulation Fatigue Crack Propagation in Metal/Carbon-Epoxy Laminates.
N85-10416/4 **03**-*506,408* PC **A03**/MF **A01**

Study of Environmental Characterization of Conventional and Advanced Aluminum Alloys for Selection and Design. Phase 1: Literature Review.
N85-11218/3 **04**-*509,425* PC **A06**/MF **A01**

Study of Environmental Characterization of Conventional and Advanced Aluminum Alloys for Selection and Design. Phase 2: The Breaking Load Test Method.
N85-11219/1 **04**-*509,426* PC **A14**/MF **A01**

Development of Powder Metallurgy 2XXX Series al Alloys for High Temperature Aircraft Structural Applications.
N85-11220/9 **04**-*509,427* PC **A04**/MF **A01**

Transient Oxidation of Single Crystal NiAl + Zr.
N85-11221/7 **04**-*509,428* PC **A11**/MF **A01**

Near-Threshold Fatigue Crack Growth and Crack Closure in 17-4 Precipitation Hardening Steel and 2043-T3 Aluminum Alloy.
N85-11385/0 **04**-*509,435* PC **A02**/MF **A01**

Short Cracks and Crack Closure in Al 2024-T3.
N85-11387/6 **04**-*509,436* PC **A02**/MF **A01**

Acoustic Emission Monitoring of Fatigue in 7010 Aluminum Alloys.
N85-12152/3 **06**-*513,601* PC **A03**/MF **A01**

Essais de Traction de Tenacite et de Propagation de Fissure sur Alliages d'Aluminium des Series 2000 et 7000 Sous Forme de Produits Lamines et Forges. Proces Verbal de l'Essai No. M2-678300 (Tensile and Crack Propagation Tests on Aluminum Alloys of the 2000 and 7000 Series in Laminated Plate and Forged Products).
N85-12383/4 **06**-*513,605* PC **A06**/MF **A01**

Caracterisation de l'Alliage d'Aluminium 7010 en Tole Semi-Epaisse, aux Etats Metallurgiques T 651 et T 7651, Proces Verbal No. 44-606/F (Characterization of Aluminum Alloy 7010 in Moderate Width Plate and T651 and T7651 Metallurgical States).
N85-13961/6 **08**-*516,906* PC **A04**/MF **A01**

Variable Polarity Plasma Arc Welding Process: Its Application to the Space Shuttle External Tank.
N85-14115/8 **08**-*517,198* PC **A02**/MF **A01**

Evaluation of the Crack Initiation Life Behavior of Fatigue Loaded Automotive Components Made from High Strength Aluminium Alloys.
N85-14181/0 **08**-*517,178* PC **A09**/MF **A01**

Fractographic Observation and Estimation of Crack Growth Curve of Aluminum Alloy under Random Flight Simulation Loading.
N85-14913/6 **09**-*519,408* PC **A02**/MF **A01**

Wear of Anodic Oxide Films on Aluminum Alloys in Cryogenic Liquids.
N85-14914/4 **09**-*519,358* PC **A02**/MF **A01**

Improvement of the Ladle Deoxidizing of Al-Killed Steel.
N85-14923/5 **09**-*519,409* PC **A02**/MF **A01**

Three-Dimensional Crack Location by Acoustic Emission.
N85-15193/4 **09**-*519,826* PC **A02**/MF **A01**

Study of Spectrum Fatigue Crack Propagation in Two Aluminum Alloys. 1: Spectrum Simplification.
N85-18124/6 **12**-*527,125* PC **A02**/MF **A01**

Study of Spectrum Fatigue Crack Propagation in Two Aluminum Alloys. 2: Influence of Microstructures.
N85-18125/3 **12**-*527,126* PC **A02**/MF **A01**

Rapidly Solidified NiAl and FeAl.
N85-20042/6 **14**-*531,870* PC **A02**/MF **A01**

Examen Micrographique et Fractographique sur les Alliages 2214 et 2024 pour des Conditions de Mises en Solution Pouvant Entrainer la Brulure du Metal (Micrographic and Fractographic Examination of Alloys 2214 and 2024 for Conditions Which Would Cause Burning of the Metal on Being Put into Solution, Trial 17/175).
N85-20117/6 **14**-*531,872* PC **A04**/MF **A01**

Fatigue Crack Growth in Aramid Reinforced Aluminum Laminates (ARALL): Mechanisms and Predictions.
N85-20118/4 **14**-*531,842* PC **A06**/MF **A01**

Crack Growth Geometry in Aluminum Alloy Sheet Material under Flight Simulation Loading. 1: A Comparison Between Twist and Minitwist Falstaff and Short Falstaff. 2: Effect of Truncating High Loads.
N85-20119/2 **14**-*531,873* PC **A03**/MF **A01**

Carbon Filter Plates for Aluminum Filtration at Casting.
N85-21343/7 **14**-*531,879* PC **A03**/MF **A01**

Structures of Ordered Linear Dislocation Multipoles in Cu-Al Alloys.
N85-22664/5 **15**-*534,035* PC **A02**/MF **A01**

Characterisation of Oxide Films on Treated Aluminium Alloys.
N85-22667/8 **15**-*534,036* PC **A02**/MF **A01**

Tensile and Fracture Toughness Properties of Mirage 3 Spars.
N85-25899/4 **18**-*539,678* PC **A02**/MF **A01**

Durability of Aramid Reinforced Aluminum Laminate (ARALL).
N85-26933/0 **19**-*543,192* PC **A02**/MF **A01**

Microstructures and Properties of Rapidly Solidified Alloys.
N85-26961/1 **19**-*543,222* PC **A03**/MF **A01**

Effect of Low Sheet Thicknesses on the Fracture Toughness of an Al Alloy (7075-T6).
N85-26984/3 **19**-*543,225* PC **A02**/MF **A01**

Influence of Pretreatment, Environment and Strain Rate on Stress Corrosion Cracking of the Aluminum Alloy 7075-T6.
N85-26985/0 **19**-*543,226* PC **A03**/MF **A01**

Investigation of the Pitting Potential of Rapidly Solidified Aluminum-Lithium Alloys.
N85-26986/8 **19**-*543,227* PC **A02**/MF **A01**

Investigation of the Influence of Some Paint Systems and Water Displacing Corrosion Inhibitors on Anodic Undermining Corrosion of Aluminum 2024 Clad Alloy.
N85-27009/8 **19**-*543,228* PC **A03**/MF **A01**

Aluminum-Lithium Alloys: The Answer of the Aluminum Industry to the Threat of Advanced Fiber-Reinforced Materials.
N85-28102/0 **20**-*545,519* PC **A03**/MF **A01**

Aluminum Pressure die Casting Process for the Production of Low Porosity Castings and New Casting Alloys.
N85-29335/5 **21**-*548,624* PC **A04**/MF **A01**

Optimisation of Mcr al Coating Compositions for Marine Gas Turbines.
N85-31056/3 **23**-*554,505* PC **A04**/MF **A01**

Crack Growth Data for Two Aluminum Alloys 7050-T73651 and 2024-T3.
N85-31290/8 **23**-*553,165* PC **A05**/MF **A01**

Influence du Plan de Joint de Matricage sur la Tenue en Fatigue des Alliages 7010 et 7050. Proces-Verbal M1-631600 (Influence of the Molding Joint Plane on the Fatigue Resistance of the Alloys 7010 and 7050. Test Report No. M1-631600).
N85-31562/0 **23**-*553,169* PC **A04**/MF **A01**

Modifications of Flight-by-Flight Load Sequences to Provide for Good Fracture Surface Readability.
N85-31577/8 **23**-*551,927* PC **A03**/MF **A01**

Structure of Rapidly Solidified Al-Fe-Cr Alloys.
PB85-108579 **03**-*506,447* Not available NTIS

Caracterisation de l'Alliage d'Aluminium 7010 en Tole Semi-Epaisse, aux Etats Metallurgiques T 651 et T 7651 (Characterization of Aluminum Alloy 7010 in Semi-Thick Sheets, in Metallurgical States T 651 and T 7651).
PB85-119824 **04**-*509,443* PC **E04**/MF **E04**

Ultrasonic Shear Wave Measurements of Known Residual Stress in Aluminum.
PB85-140002 **06**-*513,611* Not available NTIS

Examen Micrographique et Fractographique sur les Alliages 2214 et 2024 pour des Conditions de Mises en Solution Pouvant Entrainer la Brulure du Metal (Micrographic and Fractographic Examinations on Alloys 2214 and 2024 for Beginning-Solution Conditions, Capable of Leading to Metal Burning).
PB85-140556 **06**-*513,612* PC **E04**/MF **E04**

Aging Process in Aluminum-Alloy 2024 Studied by Means of Eddy Currents.
PB85-142800 **06**-*513,613* Not available NTIS

Microstructures of Rapidly Solidified Aluminum Alloy Submicron Powders.
PB85-143543 **06**-*513,616* Not available NTIS

Perfectionnement des Lois de Fissuration par Fatigue sous Chargement Complexe (Perfecting the Fatigue Cracking Laws under Complex Loads).
PB85-145068 **07**-*515,006* PC **E04**/MF **E04**

Influence du Plan de Joint de Matricage sur la Tenue en Fatigue des Alliages 7010 et 7050 (Effect of the Die-Forging Joint Plane on the Fatigue Strength of 7010 and 7050 Alloys).
PB85-176527 **14**-*532,192* PC **E04**/MF **E04**

Studies of the Friction Transients During Break-In of Sliding Metals.
PB85-182798 **15**-*534,041* Not available NTIS

Surface Melting of an Alloy Under Steady State Conditions.
PB85-187748 **18**-*540,859* Not available NTIS

Morphological Stability of Electron Beam Melted Aluminum Alloys.
PB85-187755 **18**-*540,860* Not available NTIS

Influence de la Recristallisation et de la Mise en Solution sur la Tenacite des Alliages 7010 et 7475; Fatigue Oligocyclique de l'Alliage 7010 (Influence of Recrystallization and Dissolving on the Strength of Alloys 7010 and 7475; Oligocyclic Fatique of Alloy 7010).
PB85-199222 **17**-*538,289* PC **E04**/MF **E04**

Microcracks in High Current MIG Welding of Aluminum Alloy and Their Preventions.
PB85-200764 **18**-*541,254*
(Order as PB85-200749, PC **E05**/MF **E01**)

Sea Grant Program on Marine Corrosion. Volume 3. Supporting Data Localized Corrosion, Aluminum Alloys.
PB85-214401 **20**-*545,530* PC **A06**/MF **A01**

Perfectionnement des Lois de Comportement sous Chargement Complexe (Perfecting the Behavior Laws of Fatigue Cracking of Aluminum Alloys under Complex Loads).
PB85-218584 **20**-*545,532* PC **E06**/MF **E06**

Influence de la Recristallisation et de la Mise en Solution sur la Tenacite des Alliages 7010 et 7475. Fatigue Oligocyclique de L'Alliage 7010 (Influence of Recrystallization and Dissolving Start on the Strength of Alloys 7010 and 7475. Oligocyclic Fatigue of Alloy 7010).
PB85-221737 **21**-*548,173* PC **E04**/MF **E04**

Phosphate Coatings: Aluminum and Aluminum Alloys. 1966-1984 (Citations from the Metals Abstracts Data Base).
PB85-852572 **03**-*506,401* PC **N01**/MF **N01**

Pitting Corrosion of Aluminum and Aluminum Alloys. 1970-February 1985 (Citations from the Engineering Index Data Base).
PB85-855682 **08**-*516,913* PC **N01**/MF **N01**

Powder Metallurgy of Aluminum and Aluminum Alloys. 1970-January 1984 (Citations from the Engineering Index Data Base).
PB85-861011 **15**-*534,049* PC **N01**/MF **N01**

Powder Metallurgy of Aluminum and Aluminum Alloys. February 1984-May 1985 (Citations from the Engineering Index Data Base).
PB85-861029 **15**-*534,050* PC **N01**/MF **N01**

Adhesive Bonding of Aluminum and Aluminum Alloys. 1973-June 1985 (Citations from the Rubber and Plastics Research Association Data Base).
PB85-862142 **16**-*536,335* PC **N01**/MF **N01**

Corrosion Protection of Aluminum and Aluminum Alloys. 1973-November 1985 (Citations from Information Services in Mechanical Engineering Data Base).
PB85-871937 **26**-*560,951* PC **N01**/MF **N01**

ALUMINUM ANTIMONIDES

Quantum Wells of InAs between AlSb.
AD-A146 590/5 **01**-*502,627* Not available NTIS

Light and Heavy Valence Subband Reversal in GaSb/AlSb Superlattices.
AD-A150 124/6 **09**-*520,699* Not available NTIS

ALUMINUM BLOCKS

S-3A Ballast Block Final Design and Engineering Tests.
AD-A147 685/2 **04**-*507,903* PC **A03**/MF **A01**

ALUMINUM CASTINGS

Aluminum Castings. 1970-June 1984 (Citations from the Engineering Index Data Base).
PB85-862076 **16**-*536,149* PC **N01**/MF **N01**

Aluminum Castings. July 1984-June 1985 (Citations from the Engineering Index Data Base).
PB85-862084 **16**-*536,150* PC **N01**/MF **N01**

ALUMINUM CERIUM

Unstable Magnetic Moments in Ce Compounds.
DE85780658 **17**-*539,489* PC **A09**/MF **A01**

ALUMINUM CERIUM IRON

Electrical Resistivity of the Ce (Fe sub(1-X) Al sub(X)) sub 2 Intermetallic Compounds (X < = 0,20).
DE85781259 **24**-*557,056* PC **A07**/MF **A01**

ALUMINUM CHLORIDE

Electrochemical Studies of Antimony (III) and Antimony (V) in Molten Mixtures of Aluminum Chloride and Butylpyridinium Chloride.
AD-A149 583/7 **09**-*518,823* PC **A02**/MF **A01**

Strong Acid-Weak Acid Method for Producing Aluminum Chloride Hexahydrate from Kaolinitic Clay.
PB85-135721 **05**-*511,385* PC **A02**/MF **A01**

ALUMINUM CHLORIDE HEXAHYDRATE

Strategic and Critical Materials Program Annual Report.
PB85-216026 **22**-*550,476* PC **A13**/MF **A01**

ALUMINUM CHLORIDES

Reaction of Perfluoropolyalkylether Oil with FeF(3), AlF(3), and AlCl(3) at Elevated Temperatures.
AD-A155 030/0 **18**-*540,316* PC **A03**/MF **A01**

ALUMINUM COATINGS

Corrosion of Aircraft Al and Al-Zn Ion Plated Steel Fasteners.
N85-22666/0 **15**-*533,986* PC **A04**/MF **A01**

Technology Development for Thin-Film-Trace Humidity Sensors.
N85-28338/0 **20**-*545,979* PC **A04**/MF **A01**

Effect of Passivation and Passivation Defects on Electromigration Failure in Aluminum Metallization.
PB85-144400 **06**-*513,617* Not available NTIS

ALUMINUM COMPOUNDS

Enrichment of Structural Aluminum at the External Surface of Ultrastable Zeolite-Y.
AD-A147 456/8 **03**-*505,839* Not available NTIS

Electrochemistry and Electrochemical Methodology in Molten Salts.
AD-A149 613/2 **09**-*518,824* PC **A03**/MF **A01**

Reaction of Perfluoropolyalkylether Oil with FeF(3), AlF(3), and AlCl(3) at Elevated Temperatures.
AD-A155 030/0 **18**-*540,316* PC **A03**/MF **A01**

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N85-19076/7 **13**-*529,496* PC **A03**/MF **A01**

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AD-B061 081/6 **14**-*532,396* PC **A05**/MF **A01**

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AD-A152 866/0 **15**-*533,878* PC **A02**/MF **A01**

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AD-A155 360/1 **19**-*542,979* PC **A10**/MF **A01**

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DE85003735 **11**-*523,928* PC **A02**/MF **A01**

New Ion Exchangers and Solvent Extractants for Pre-Analysis Separation of Actinides. Annual Report, June 1982-May 1983.
DE85003982 **09**-*518,916* PC **A03**/MF **A01**

Plutonium and Americium Processing Chemistry and Technology.
DE85003985 **09**-*520,020* PC **A02**/MF **A01**

Frontiers of Chemistry for Americium and Curium.
DE85004413 **11**-*524,058* PC **A02**/MF **A01**

Gram-Scale Separation of Curium from Americium Using alpha-Hydroxyisobutyric Acid in High-Pressure Cation Columns.
DE85004427 **09**-*518,953* PC **A02**/MF **A01**

Characterization of Soils at Proposed Solid Waste Storage Area (SWSA) 7.
DE85004777 **12**-*527,747* PC **A07**/MF **A01**

Americium Transfer Studies Using Hollow Fiber/Extractant Membranes.
DE85004973 **12**-*527,749* PC **A02**/MF **A01**

Chemistry Research and Development. Annual Progress Report, October 1, 1982-September 30, 1983.
DE85005320 **11**-*524,477* PC **A06**/MF **A01**

Transport Code for Radiocolloid Migration: With an Assessment of an Actual Low-Level Waste Site.
DE85005576 **12**-*527,752* PC **A02**/MF **A01**

Groundwater Chemistry Along Flow Paths Between a Proposed Repository Site and the Accessible Environment.
DE85005598 **12**-*527,753* PC **A03**/MF **A01**

Actinide Recovery from Pyrochemical Residues.
DE85005725 **11**-*525,130* PC **A02**/MF **A01**

Aqueous Recovery of Plutonium from Pyrochemical Processing Residues.
DE85005866 **13**-*530,077* PC **A02**/MF **A01**

Ferrite Treatment of Actinide Waste Solutions: Alternative Methods of Ferrite Production for Use in Waste Treatment.
DE85006672 **12**-*527,790* PC **A02**/MF **A01**

HS and E (Health Safety and Environment) Application Technology Branch at Rocky Flats Plants. Progress Report, July 1982-July 1983.
DE85007134 **13**-*530,165* PC **A04**/MF **A01**

Electronic and Magnetic Properties of Am and Cm.
DE85008512 **14**-*531,863* PC **A02**/MF **A01**

Thermodynamics of the Extraction of Eu(III) And Am(III) With Synergistic Mixtures of Thenoyltrifluoroacetone and a Linear Polyether.
DE85009116 **17**-*537,643* PC **A02**/MF **A01**

Extraction Characteristics of Trivalent Lanthanides and Actinides in Mixtures of Dinonylnaphthalenesulfonic Acid and Carboxylic Acids.
DE85009239 **17**-*538,955* PC **A04**/MF **A01**

Solvent Extraction and Recovery of the Transuranic Elements from Waste Solutions Using the TRUEX Process.
DE85009674 **25**-*559,119* PC **A02**/MF **A01**

Research and Development Related to the Nevada Nuclear Waste Storage Investigations. Progress Report, January 1-March 31, 1984.
DE85010319 **18**-*541,542* PC **A07**/MF **A01**

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DE85010645 **18**-*541,546* PC **A17**/MF **A01**

Nuclear Technology Programs at Argonne National Laboratory. Quarterly Progress Report, July-September 1984.
DE85011716 **23**-*553,902* PC **A05**/MF **A01**

Accidental Exposure to Americium.
DE85012794 **22**-*549,925* PC **A02**/MF **A01**

Studies of the Hydrolytic and gamma-Radiolytic Degradation of the TRUEX-CC1 sub 4 Process Solvent.
DE85013665 **24**-*555,251* PC **A02**/MF **A01**

Results from NNWSI Series 1 Spent Fuel Leach Tests.
DE85014246 **23**-*553,932* PC **A05**/MF **A01**

Porous Sorbents and Membrane Supported Specific Actinide Chelators and Solvent Extractants.
DE85015256 **25**-*557,965* PC **A02**/MF **A01**

Research and Development Related to the Nevada Nuclear Waste Storage Investigations. Progress Report, April 1-June 30, 1984.
DE85015363 **24**-*556,414* PC **A06**/MF **A01**

Experimental Studies of Actinides in Molten Salts.
DE85015366 **25**-*557,966* PC **A03**/MF **A01**

Nevada Nuclear Waste Storage Investigations. Quarterly Report, January 1, 1984-March 31, 1984.
DE85016539 **25**-*559,137* PC **A04**

Radionuclide Diffusion and Mobilities in Compacted Bentonite.
DE85701274 **22**-*551,180* PC **A03**/MF **A01**

Lanthanides and Trivalent Actinides Complexation by Tripyridyl Triazine, Applications to Liquid-Liquid Extraction.
DE85751195 **25**-*559,323* PC **A10**/MF **A01**

Coulometric Determination of Americium and Curium for the Preparation of Reference Solutions.
DE85752061 **26**-*560,460* PC **A02**/MF **A01**

Diffusion in Clay - Experimental Techniques and Theoretical Models.
DE85781085 **25**-*559,172* PC **A03**/MF **A01**

AMERICIUM 240

Applications of Level Structure Modeling of Odd-Odd Deformed Nuclei.
DE85004421 **09**-*520,488* PC **A02**/MF **A01**

AMERICIUM 241

Subcellular Distribution of sup 239 Pu, sup 241 Am and sup 59 Fe in the Liver of Rat and Chinese Hamster as Dependent on Time.
DE83704628 **02**-*503,299* PC **A07**/MF **A01**

Stations VZD and VZE: Composition of Ending Inventory Reports.
DE84013161 **02**-*504,680* PC **A02**/MF **A01**

Aerial Radiological Survey of Clean Slates 1, 2, and 3, and Double Track: Tonopah Test Range, Central Nevada. Date of Survey: February 1977.
DE84017606 **09**-*520,045* PC **A03**/MF **A01**

Aerial Radiological Survey of Area 13, Nevada Test Site. Date of Survey: December 1977.
DE84017608 **09**-*520,046* PC **A02**/MF **A01**

Bioavailability of the Transuranic Elements sup 237 Pu and sup 241 Am for the Pond Snail, Lymnaea Stagnalis L., and Their Behaviour in Selected Natural Surface Waters.
DE84702666 **01**-*500,852* PC **A13**/MF **A01**

In Situ Vitrification Pilot-Scale Radioactive Test.
DE85002671 **07**-*515,416* PC **A04**/MF **A01**

Total and Spontaneous Fission Half-Lives of the Americium and Curium Nuclides.
DE85004911 **11**-*525,463* PC **A02**/MF **A01**

Process Chemistry of Americium-241.
DE85004965 **12**-*527,704* PC **A02**/MF **A01**

Production and Recovery of Americium-241.
DE85004972 **10**-*522,617* PC **A02**/MF **A01**

Americium-241: The Most Useful Isotope of the Actinide Elements.
DE85005176 **11**-*525,012* PC **A02**/MF **A01**

Plutonium and Americium Sorption from an EDTA Complex by Manganese Oxide.
DE85006084 **11**-*525,137* PC **A02**/MF **A01**

Distribution of exp 239 Pu and exp 241 Am in the Human Skeleton.
DE85007637 **14**-*531,401* PC **A02**/MF **A01**

Aerial Radiological Survey for sup 241 Am Contamination in Tonawanda, New York. Date of Survey: May 1984.
DE85010134 **18**-*541,571* PC **A02**/MF **A01**

Role of Natural Dissolved Organic Compounds in Determining the Concentrations of Americium in Natural Waters.
DE85010266 **18**-*541,574* PC **A02**/MF **A01**

Environmental Monitoring at Argonne National Laboratory. Annual Report for 1984.
DE85010613 **18**-*541,576* PC **A06**/MF **A01**

Cycling of Transuranic Radionuclides in the Columbia River, Its Estuary and the Northeast Pacific Ocean. Progress Report, January-December 1984.
DE85011485 **19**-*543,907* PC **A02**/MF **A01**

Americium and Curium Total Half-Lives and for the Spontaneous Fission Branch.
DE85012270 **22**-*551,531* PC **A02**/MF **A01**

Ocean Floor Sediment as a Repository Barrier: Comparative Diffusion Data for Selected Radionuclides in Sediments from the Atlantic and Pacific Oceans.
DE85013859 **22**-*550,122* PC **A02**/MF **A01**

Contribution to the Experimental Study of Transuranian Element (Pu, Am, Cm) Transfers Between the Various Phases (Particles, Water, Organisms) of the Sedimentary System.
DE85750674 **17**-*537,750* PC **A06**/MF **A01**

Experimental and in Situ Investigations on Americium, Curium and Plutonium Behaviour in Marine Benthic Species: Transfer from Water or Sediments.
DE85750925 **17**-*537,751* PC **A09**/MF **A01**

AMERICIUM 241 TARGET

Isomer Ratio Calculations Using Modeled Discrete Levels.
DE85001743 **04**-*510,297* PC **A02**/MF **A01**

Isomer Ratio Calculations Using Modeled Discrete Levels.
DE85002162 **06**-*514,173* PC **A02**/MF **A01**

AMERICIUM 242

Applications of Level Structure Modeling of Odd-Odd Deformed Nuclei.
DE85004421 **09**-*520,488* PC **A02**/MF **A01**

Total and Spontaneous Fission Half-Lives of the Americium and Curium Nuclides.
DE85004911 **11**-*525,463* PC **A02**/MF **A01**

Americium and Curium Total Half-Lives and for the Spontaneous Fission Branch.
DE85012270 **22**-*551,531* PC **A02**/MF **A01**

AMERICIUM 243

Stations VZD and VZE: Composition of Ending Inventory Reports.
DE84013161 **02**-*504,680* PC **A02**/MF **A01**

Total and Spontaneous Fission Half-Lives of the Americium and Curium Nuclides.
DE85004911 **11**-*525,463* PC **A02**/MF **A01**

Americium and Curium Total Half-Lives and for the Spontaneous Fission Branch.
DE85012270 **22**-*551,531* PC **A02**/MF **A01**

AMERICIUM 243 TARGET

Isomer Ratio Calculations Using Modeled Discrete Levels.
DE85001743 **04**-*510,297* PC **A02**/MF **A01**

Isomer Ratio Calculations Using Modeled Discrete Levels.
DE85002162 **06**-*514,173* PC **A02**/MF **A01**

AMERICIUM 244

Applications of Level Structure Modeling of Odd-Odd Deformed Nuclei.
DE85004421 **09**-*520,488* PC **A02**/MF **A01**

AMERICIUM ALLOYS

Determination of Platinum Metals and Americium when Analysing These Element Intermetallic Compounds and Alloys.
DE84702653 **02**-*503,581* PC **A02**/MF **A01**

AMERICIUM BROMIDES

Vapour Pressure of Americium(III) Chloride.
DE85780895 **20**-*545,967* PC **A07**/MF **A01**

AMERICIUM CARBONATES

Preparation, Characterization and Solubility Product Constant of AmOHCO sub 3.
DE85007258 **13**-*528,969* PC **A02**/MF **A01**

Actinide Solution Equlibria and Solubilities in Geologic Systems.
DE85701275 **23**-*553,983* PC **A04**/MF **A01**

AMERICIUM CHLORIDES

Vapour Pressure of Americium(III) Chloride.
DE85780895 **20**-*545,967* PC **A07**/MF **A01**

AMERICIUM COMPLEXES

Evidence and Consequences of Inner Sphere Hydrogen Bonding Between Ligands in Some Mixt Complexes of Actinide and Lanthanide.
DE84750649 **02**-*503,585* PC **A02**/MF **A01**

AMERICIUM COMPOUNDS

Study of Americium (3) and Americium (5) Interaction in Potassium Phosphorotungstate K sub 10 P sub 2 W sub 17 O sub 61 Solutions.
DE84702328 **03**-*505,872* PC **A02**/MF **A01**

Neutron Spectrometric Method for Determination of Americium and Curium in Samples.
DE84702654 **02**-*503,582* PC **A02**/MF **A01**

Physical-Chemical Studies of Transuranium Elements. Progress Report, April 1, 1984-March 31, 1985.
DE85004463 **10**-*521,724* PC **A03**/MF **A01**

Spectroscopic and Electrochemical Studies of Selected Lanthanides and Actinides in Concentrated Aqueous Carbonate and Carbonate-Hydroxide Solutions and in Molten Dimethyl Sulfone.
DE85006381 **12**-*526,683* PC **A09**/MF **A01**

Electronic and Magnetic Properties of Am and Cm.
DE85008512 **14**-*531,863* PC **A02**/MF **A01**

AMERICIUM HYDROXIDES

Actinide Solution Equilibria and Solubilities in Geologic Systems.
DE85701275 **23**-*553,983* PC **A04**/MF **A01**

AMERICIUM ISOTOPES

Transuranic Chemical Species in Groundwater. Final Report.
DE85007367 **13**-*530,101* PC **A04**/MF **A01**

AMERICIUM OXIDES

Sublimation and Thermochromatography of Actinide and Lanthanide Lower Oxides.
DE84702456 **01**-*501,057* PC **A02**/MF **A01**

Enthalpy of Formation of Americium Sesquioxide; Systematics of Actinide Sesquioxide Thermochemistry.
DE85000081 **09**-*518,893* PC **A02**/MF **A01**

Thermodynamic Systematics of Oxides of Americium, Curium, and Neighboring Elements. -
DE85009704 **17**-*537,650* PC **A02**/MF **A01**

AMES BIOASSAY

Filter Extraction and Ames Bioassay Results for EPA (Environmental Protection Agency) Particulate Samples.
PB85-104107 **01**-*500,580* PC **A03**/MF **A01**

AMES POND DAM

National Program for Inspection of Non-Federal Dams. Ames Pond Dam (MA 01006) Dike A (MA 01296) Merrimack River Basin, Tewksbury, Massachusetts. Phase I Inspection Report.
AD-A155 806/9 **21**-*548,325* MF **A01**

AMES TEST

Bacterial Mutagenicity of Aceanthrylene: A Novel Cyclopenta-Fused Polycyclic Aromatic Hydrocarbon of Low Molecular Weight.
PB85-196893 **18**-*540,175* Not available NTIS

Potential Health Hazards Associated with Particulate Matter Released from Rice Straw Burning.
PB85-218238 **20**-*544,824* PC **A11**/MF **A01**

AMIDES

The Formation of P(III) Products from Phosphinamides with Silicon Hydrides.
AD-A153 393/4 **15**-*533,543* Not available NTIS

Synthesis of Model Polymers and Related Structures in Support of Vinyl Monomer Grafting Studies. Progress Report, July 1, 1984-February 1985.
DE85008724 **15**-*533,471* PC **A02**/MF **A01**

Coal Conversion Processes. Final Report, September 13-August 31, 1984.
DE85014877 **25**-*559,881* PC **A14**/MF **A01**

Research and Development of an Advanced Process for the Conversion of Coal to Synthetic Gasoline and Other Distillate Fuels. Quarterly Technical Progress Report No 12, for the Period October 1980-December 1980. Draft.
DE85017623 **26**-*562,024* PC **A03**/MF **A01**

AMINE/ALLYL

Fabrication of Composite Membranes for Separation by Using Plasma Polymerizations Process,
PB85-148302
08-*516,363*
(Order as PB85-148245, PC **E08**/MF **E01**)

AMINE/DIMETHOXYMETHYLSILYL-BIS (TRIMETHYLSILYL)

Flash Vacuum Pyrolysis of Dimethoxymethylsilyl-Bis(Trimethylsilyl)Amine: 1,3-Sigmatropic Rearrangements of Silaimine Intermediates.
AD-A147 336/2 **03**-*505,831* PC **A02**/MF **A01**

AMINE/DIMETHOXYMETHYLSILYLBIS (TRIMETHYLSILYL)

Co-Pyrolysis of Dimethoxymethylsilylbis(Trimethylsilyl)Amine and Hexamethylcyclotrisiloxane. 1,3-Sigmatropic Rearrangements of Silaimine Intermediates.
AD-A148 282/7 **05**-*511,195* PC **A02**/MF **A01**

AMINE OXIDE/TRIFLUORO

Regiospecific Addition of Trifluoramine Oxide to Trifluorovinyl Olefins.
AD-A147 976/5 **04**-*508,746* PC **A02**/MF **A01**

AMINES

Flash Vacuum Pyrolysis of Dimethoxymethylsilyl-Bis(Trimethylsilyl)Amine: 1,3-Sigmatropic Rearrangements of Silaimine Intermediates.
AD-A147 336/2 **03**-*505,831* PC **A02**/MF **A01**

An Automated Method for the Determination of Biogenic Amines and Their Metabolites by High-Performance Liquid Chromatography.
AD-A148 170/4 **04**-*508,770* PC **A02**/MF **A01**

Co-Pyrolysis of Dimethoxymethylsilylbis(Trimethylsilyl)Amine and Hexamethylcyclotrisiloxane. 1,3-Sigmatropic Rearrangements of Silaimine Intermediates.
AD-A148 282/7 **05**-*511,195* PC **A02**/MF **A01**

Syntheses and Reactions of Pyrazaboles.
AD-A148 432/8 **05**-*511,180* PC **A02**/MF **A01**

Mode of Action of Polyamine Analogues on the Growth and Biochemistry of Leishmanial Cells.
AD-A148 857/6 **07**-*514,637* PC **A03**/MF **A01**

Determination of Structure and Reaction Kinetics of Epoxy/Amine Systems Using Magnetic Resonance.
AD-A150 430/7 **10**-*521,692* PC **A05**/MF **A01**

Research in Energetic Compounds.
AD-A151 250/8 **12**-*526,630* PC **A04**/MF **A01**

Some Effects of Amine Substituents in Strained Hydrocarbons.
AD-A153 013/8 **15**-*533,503* Not available NTIS

Molecular Addition Compounds. 9. Effect of Structure on the Reactivities of Representative Borane-Amine Complexes in Typical Reactions Such as Hydrolysis, Hydroboration, and Reduction.
AD-A153 423/9 **16**-*535,804* Not available NTIS

Qinghaosu, a Potent Antimalarial, Peturbs Polyamine Metabolism in Human Malaria Cultures.
AD-A156 719/7 **22**-*549,898* Not available NTIS

Synthesis and Structure Determination of 3,3,4,4-Tetrafluoro-N-methyl-2-(cis,s-trans-methyl-NNO-azoxy)-s-cis-1-cyclobutene-1-amine.
AD-A158 427/5 **25**-*557,885* PC **A02**/MF **A01**

Dissolved, Exchangeable and Bound Aliphatic Amines in Marine Sediments: Initial Results.
AD-A158 722/9 **25**-*558,063* PC **A02**/MF **A01**

Reaction Calorimetry for Coal Chemistry and Catalysis. Annual Report, August 1, 1983-July 30, 1984.
DE84016142 **02**-*505,173* PC **A03**/MF **A01**

Carcinogen-DNA Adducts: Linkage Site and Conformation. Progress Report, September 1, 1981-August 31, 1984.
DE84017096 **02**-*503,240* PC **A02**/MF **A01**

Radiation Damage in an Ethylamine-Borane:Ammonia Target.
DE84017492 **04**-*508,874* PC **A02**/MF **A01**

Dissolving Coal at Moderate Temperatures and Pressures. Final Report, August 20, 1982-September 30, 1984.
DE85001790 **04**-*510,507* PC **A03**/MF **A01**

Flow Adsorption Calorimetry with Supercritical Fluids on Silica Gel. Quarterly Report, July 30-October 31, 1984.
DE85001837 **05**-*512,066* PC **A02**/MF **A01**

Identification and Cleavage of Breakable Single Bonds by Selective Oxidation, Reduction, and Hydrolysis. Quarterly Report No. 11, April 1-June 30, 1981.
DE85003861 **09**-*520,857* PC **A02**/MF **A01**

Identification and Cleavage of Breakable Single Bonds by Selective Oxidation, Reduction, and Hydrolysis. Quarterly Report No. 9, October 1-December 31, 1980.
DE85003865 **09**-*520,859* PC **A02**/MF **A01**

Round Robin Investigation of Organic Compounds in Aqueous Leachates of Solid Wastes: Application to H-Coal Filter Cake Leachates.
DE85004009 **08**-*516,418* PC **A03**/MF **A01**

Contribution of Electronically Excited States to the Radiation Chemistry of Organic Systems. Progress Report, December 1, 1981-November 30, 1984.
DE85004311 **10**-*521,762* PC **A03**/MF **A01**

Solar Energy Conversion in Homogeneous Solution. Final Report, August 1, 1979-November 30, 1984. Revision.
DE85006883 **20**-*545,033* PC **A02**/MF **A01**

Photoelectron Spectroscopic Study of Bonding in Inorganic and Organometallic Compounds.
DE85011975 **20**-*544,965* PC **A08**/MF **A01**

Reaction Calorimetry for Coal Chemistry and Catalysis. Final Report, August 1, 1982-July 30, 1985.
DE85015816 **26**-*561,970* PC **A03**/MF **A01**

Metal (11) 4,4',4',4''-Phthalocyanine Tetraamines as Curing Agents for Epoxy Resins.
PAT-APPL-6-598 777 **15**-*534,060* PC **A02**/MF **A01**

Pharmacologically Active Amine Boranes.
PATENT-4 368 194 **02**-*503,502* Not available NTIS

Metal (2) 4,4',4',4'' Phthalocyanine Tetraamines as Curing Agents for Epoxy Resins.
PATENT-4 537 834 **26**-*560,463* Not available NTIS

Radioprotecteurs de Type MEA - Acides Amines et Peptides (Radio Protectors of MEA Type - Aminoacids and Peptides),
PB85-117273 **03**-*505,756* PC **E04**/MF **E04**

Amine Distributions and Average Base Strengths of Amine Mixtures from SCR-I (Solvent Refined Coal) Samples.
PB85-117596 **03**-*505,814* PC **A05**/MF **A01**

Metabolism and DNA Adduct Formation of 2-Acetylaminofluorene by Bladder Explants from Human, Dog, Monkey, Hamster and Rat.
PB85-146801 **08**-*516,143* Not available NTIS

Sampling of Automobile Interiors for Organic Emissions,
PB85-172567 **13**-*529,666* PC **A03**/MF **A01**

Ionic Hydrogen Bond. 1. Sterically Hindered Bonds. Solvation and Clustering of Protonated Amines and Pyridines.
PB85-230423 **23**-*552,549* Not available NTIS

AMINIDASE/N-ACETYLGALACTOS

Purification of N-Acetylgalactosaminidase by Isoelectric Focusing.
AD-A154 749/6 **18**-*540,005* PC **A02**/MF **A01**

AMINO ACIDS

Partial Amino Acid Sequences of Botulinum Neurotoxins Types B and E,
AD-A146 643/2 **01**-*500,874* PC **A02**/MF **A01**

Study of Toxic and Antigenic Structures of Botulinum Neurotoxins.
AD-A156 642/1 **22**-*549,709* PC **A02**/MF **A01**

Study of Toxic and Antigenic Structures of Botulinum Neurotoxins.
AD-A156 727/0 **22**-*549,710* PC **A02**/MF **A01**

Antagonism by Taurine of Pressure-Induced Tremor in the Guinea Pig.
AD-A156 742/9 **22**-*549,899* PC **A02**/MF **A01**

The Electron-Donating Strengths of Side Chains in the Determination of Protein Structure.
AD-A157 043/1 **22**-*549,717* PC **A02**/MF **A01**

Classification and Properties of Acidic Amino Acid Receptors in Hippocampus.
AD-A158 807/8 **25**-*557,766* PC **A02**/MF **A01**

Biomedical Research with Cyclotron Produced Radionuclides. Progress Report, August 1, 1983-July 31, 1984.
DE84017340 **03**-*505,664* PC **A04**/MF **A01**

Skeletal Muscle Metabolism in Hypokinetic Rats.
N85-11520/2 **04**-*508,642* PC **A02**/MF **A01**

Aminosyreindholdet i Danske Levnedsmidler (Amino Acid Content of Danish Foods),
PB85-136446 **06**-*513,255* PC **E04**/MF **E01**

Scientific Literature Review of Amino Acids in Flavor Usage. Volume 1. Introduction and Summary, Tables of Data, Bibliography.
PB85-141125 **06**-*513,108* PC **A07**/MF **A01**

Amino Acid Analysis of Angiotensin I by Proton Nuclear Magnetic Resonance Spectroscopy.
PB85-143915 **06**-*513,295* Not available NTIS

Nouveaux Agents Radioprotecteurs ayant une Structure Amino-Thioalkyle et Procede pour leur Preparation (Radioprotection of EMT6 Tumors by a New Class of Radioprotectors Based on a Pseudo-Peptide Cysteamine Combination),
PB85-216174 **20**-*544,941* PC **E04**/MF **E04**

Effect of Water Quality on the Uptake and Loss of Biologically Important Organic and Inorganic Chemicals by Organisms.
PB85-225894 **22**-*549,754* PC **A02**/MF **A01**

Leaf Protein Concentrates. Isolation and Nutrition. 1972-September 1985 (Citations from the Food Science and Technology Abstracts Data Base).
PB85-868685 **23**-*552,320* PC **N01**/MF **N01**

Molecular Biology: Proteins, Polypeptides, Amino Acids.
PB85-932700 **10**-*521,444* Subscription

AMINOPHYLLINE

Theophylline: Reproduction and Fertility Assessment in CD-1 Mice When Administered in Drinking Water/Feed.
PB85-204659 **18**-*540,257* PC **A15**/MF **A01**

AMINOPURINES

Effect of Perfluorodecanoic Acid on the Efflux of 2-Aminopurine from L5178Y Cells.
AD-A148 835/2 **06**-*513,022* PC **A03**/MF **A01**

AMINS

Rainbow Trout Embryos: Advantages and Limitations for Carcinogenesis Research.
PB85-172179 **13**-*528,897* Not available NTIS

AMIS (ACQUISITION MANAGEMENT INFORMATION SYSTEM)

AMIS - Acquisition Management Information System Problems and Promises.
AD-A146 602/8 **01**-*500,265* PC **A02**/MF **A01**

AMMETERS

Pulsed-Power System Diagnostics: Electromagnetic Data Interpretation Along Pulse Lines.
AD-A146 607/7 **02**-*504,458* PC **A02**/MF **A01**

Calibrated Faraday Current and Magnetic Field Sensor.
DE85013438 **22**-*550,833* PC **A02**/MF **A01**

Calibrated Faraday Current and Magnetic Field Sensor.
DE85015507 **24**-*556,137* PC **A02**

AMMONIA

Electrochemistry in Near-Critical and Supercritical Fluids. I. Ammonia.
AD-A146 429/6 **01**-*501,024* PC **A02**/MF **A01**

Toxicity, Mutagenesis and Aging due to Endogenous Oxygen Radicals.
AD-A150 121/2 **09**-*518,793* PC **A02**/MF **A01**

Effect of Internal and Translational Energy on the NH3(+)(V) + D2 Ion-Molecule Reaction.
AD-A153 816/4 **16**-*535,827* PC **A02**/MF **A01**

Vibrational State Selection of Ammonia Ions Using Resonant 2 + 1 Multiphoton Ionization.
AD-A153 968/3 **16**-*535,839* PC **A02**/MF **A01**

Experimental Evaluation of the Steady State and Dynamic Performance Characteristics of the Interactive Units of a Coal Gasification Process. Draft.
DE83010340 **08**-*518,204* PC **A02**/MF **A01**

Molecular Surface Science of Heterogeneous Catalysis. History and Perspective.
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AD-A154 156/4 17-*537,444* PC **A02**/MF **A01**

Differences in Susceptibility of Inbred Mice to Bacillus anthracis,
AD-A155 646/3 19-*542,550* PC **A03**/MF **A01**

Genetic and Physiological Control of Protective Antigen Synthesis.
AD-A157 333/6 23-*552,217* PC **A03**/MF **A01**

Effects of Anthrax Toxin Components on Human Neutrophils.
AD-A157 471/4 23-*552,420* Not available NTIS

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N85-31835/0 23-*552,339* PC **A02**/MF **A01**

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PB85-100477 01-*500,353* PC **E10**/MF **A01**

Anthropological Contributions to the North Shaba Rural Development Project.
PB85-113785 04-*508,402* PC **A03**/MF **A01**

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PB85-201952 18-*540,369* Not available NTIS

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AD-A146 985/7 02-*503,435* PC **A05**/MF **A01**

Technique for Measuring Body Circumferences and Skinfold Thicknesses.
AD-A148 166/2 04-*508,505* PC **A03**/MF **A01**

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AD-A148 449/2 05-*511,142* PC **A07**/MF **A01**

Draft Sector Suite Console Requirements Specification.
AD-A148 813/9 06-*512,860* PC **A05**/MF **A01**

Crewstation Assessment of Reach as Applied to the OH-58A Helicopter.
AD-A149 413/7 08-*515,744* PC **A07**/MF **A01**

Application of Anthropometric Survey Data to Aircrew Clothing Sizing.
AD-A150 545/2 10-*521,605* PC **A03**/MF **A01**

Preliminary Design of a Limb Restraint Evaluator.
AD-A151 749/9 13-*528,777* PC **A07**/MF **A01**

Comparative Anaerobic Power of Males and Females,
AD-A151 960/2 13-*528,807* PC **A02**/MF **A01**

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AD-A153 467/6 16-*535,773* PC **A02**/MF **A01**

Beam Modification for Cancer Radiation Therapy.
AD-A154 634/0 18-*540,054* PC **A05**/MF **A01**

Graphic Anthropometric Aid for Seating and Workplace Design.
AD-A156 988/8 22-*549,590* PC **A04**/MF **A01**

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AD-A157 528/1 23-*552,362* PC **A03**/MF **A01**

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PB85-244143 24-*556,104* PC **A03**/MF **A01**

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PB85-857605 11-*523,699* PC **N01**/MF **N01**

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PB85-864551 19-*542,446* PC **N01**/MF **N01**

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Performance Characteristics of the Economic Commission of Europe (ECE) 9-Month-Old Child Test Dummy.
PB85-145779 08-*517,229* PC **A06**/MF **A01**

NTI ARCING COATING

Moisture Absorbing Anti-Arcing Coating and Method For Applying Same
PAT-APPL-6-596 784 02-*504,040* PC **A02**/MF **A01**

ANTI-DEFICIENCY ACT

Government Contract Contingent Liabilities. The Anti-Deficiency Act, and the Hobgoblin of Little Minds.
AD-A147 919/5 04-*508,106* PC **A09**/MF **A01**

ANTIAIRCRAFT AMMUNITION

Air Defense Concepts and Effectiveness.
AD-A154 079/8 17-*538,746* PC **A05**/MF **A01**

Target Vulnerability to Air Defense Weapons
AD-A155 033/4 18-*541,634* PC **A07**/MF **A01**

ANTIAIRCRAFT DEFENSE SYSTEMS

Micro-Computer Model for Army Air Defense Training.
AD-A154 433/7 17-*538,752* PC **A12**/MF **A01**

ANTIARMOR AMMUNITION

Analysis of the USAIS (US Army Infantry School) IMAAWS (Improved Medium Antiarmor Assault Weapon System) Portability Demonstration.
AD-A148 615/8 06-*514,046* PC **A03**/MF **A01**

Independent Evaluation Plan for the Joint Operational Test and Evaluation of Advanced Anti-Armor Vehicles (ARMVAL). Annex C.
AD-A149 391/5 08-*517,357* PC **A02**/MF **A01**

ANTIARMOR WEAPONS

Analysis of the USAIS (US Army Infantry School) IMAAWS (Improved Medium Antiarmor Assault Weapon System) Portability Demonstration.
AD-A148 615/8 06-*514,046* PC **A03**/MF **A01**

ANTIBACTERIA AGENTS

Bacterial Resistance to Topical Agents,
AD-P004 411/5 12-*526,549* PC **A02**/MF **A01**

ANTIBACTERIAL AGENTS

Teratologic Evaluation of Sulfamethazine (CAS No. 57-68-1) in New Zealand White Rabbits.
PB85-105690 02-*503,479* PC **A09**/MF **A01**

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PB85-172047 13-*528,895* PC **A09**/MF **A01**

ANTIBIOTICS

High Temperature Induced Antibiotic Sensitivity in Pseudomonas aeruginosa.
AD-A146 252/2 01-*500,813* PC **A03**/MF **A01**

Stability of Five Beta-Lactam Antibiotics in Sterile Water for Injection and Stored in Plastic Syringes.
AD-A147 559/9 03-*505,753* PC **A05**/MF **A01**

Research and Development of Wound Dressing in Maxillofacial Trauma.
AD-A150 034/7 09-*518,632* PC **A05**/MF **A01**

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AD-A152 391/9 14-*531,238* Not available NTIS

Interaction between Penicillin Clindamycin or Metronidazole and Gentamicin Against Species of Clostridia and Anaerobic and Facultatively Anaerobic Gram-Positive cocci.
AD-A156 823/7 22-*549,900* PC **A02**/MF **A01**

The Effects of Antibiotic-Supplemented Bone Allografts on Contaminated, Partially Avulsive Fractures of the Canine Ulna.
AD-A157 886/3 24-*555,002* PC **A02**/MF **A01**

Osteogenic Activity of Antibiotic-Supplemented Bone Allografts in the Guinea Pig.
AD-A157 887/1 24-*555,003* PC **A02**/MF **A01**

Rifampin-Stimulated Uv Resistance of Phage lambda on Escherichia Coli K12.
DE85008551 17-*537,570* PC **A02**/MF **A01**

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Experimental Measurements of the Kinetic Evolution of Cluster Size Distributions with Applications to the Fractal Structure of Antigen-Antibody Clusters,
AD-A145 791/0 01-*500,578* PC **A02**/MF **A01**

Enhancement of Antibody Production by Anti-Delta Antibodies.
AD-A146 376/9 01-*500,633* PC **A02**/MF **A01**

Structure of Antibodies by X-Ray Diffraction of Monomolecular Layers and by Nuclear Magnetic Resonance.
AD-A146 803/2 02-*503,234* PC **A02**/MF **A01**

Theoretical Analysis of the Farr Antibody Assay with a Computer Model: Importance of Antigen Concentration and Antibody Affinity.
AD-A147 740/5 04-*508,478* PC **A02**/MF **A01**

Monoclonal Antibody 2-2-B Kills K1-positive Escherichia coli in Conjunction with Cord Blood Neutrophils and Sera, but not with Spinal Fluid.
AD-A147 905/4 04-*508,487* PC **A02**/MF **A01**

Phosphate-Binding Specificities of Monoclonal Antibodies against Phosphoinositides in Liposomes.
AD-A148 164/7 04-*508,504* PC **A02**/MF **A01**

Monoclonal Antibodies to Serotype 2 and Serotype 15 Outer Membrane Proteins of Neisseria meningitidis and Their Use in Serotyping.
AD-A148 970/7 07-*514,581* PC **A02**/MF **A01**

Ultrasensitive Detection of Chemical Substances.
AD-A150 048/7 09-*518,603* PC **A02**/MF **A01**

Ultrasensitive Detection of Chemical Substances.
AD-A150 049/5 09-*518,604* PC **A02**/MF **A01**

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AD-A150 202/0 10-*521,386* PC **A02**/MF **A01**

Rapid Rate-Kinetic Turbidometric Assay for Quantitation of Antiviral Complement-Fixing Antibodies.
AD-A153 644/0 16-*535,740* PC **A02**/MF **A01**

Studies on the Immunochemical Techniques for Detection of Selected Fungal and Dinoflagellate Toxins.
AD-A153 832/1 16-*535,650* PC **A02**/MF **A01**

Calculation of Monoclonal Antibody Affinity Constants Directly from Antibody Dilution Curves.
AD-A154 802/3 18-*540,189* PC **A02**/MF **A01**

Preliminary Characterization of Monoclonal Antibodies to Coccidioides immitis.
AD-A155 568/9 19-*542,722* PC **A02**/MF **A01**

Specificity of Monoclonal Antibodies Reactive with Fusobacterium nucleatum: Effect of Formalin Fixation,
AD-A156 171/1 21-*547,675* PC **A02**/MF **A01**

Inhibition of T Cell Proliferation by Antibodies to Synthetic Peptides.
AD-A157 054/8 23-*552,243* PC **A02**/MF **A01**

The Influence of Murine Macrophage-Conditioned Medium on Cloning Efficiency, Antibody Synthesis, and Growth Rate of Hybridomas.
AD-A157 351/8 23-*552,219* Not available NTIS

Soluble Antibody Affinity Chromatography Technique Investigated with Ultratrace (125I) Thyroxine.
AD-A157 597/6 23-*552,223* PC **A02**/MF **A01**

A Panel of Monoclonal Antibodies Which Discriminate Neuroblastoma from Ewing's Sarcoma, Rhabdomyosarcoma, Neuroepithelioma, and Hematopoietic Malignancies.
AD-A157 654/5 23-*552,275* PC **A02**/MF **A01**

A Method for the Covalent Attachment of Cells to Glass Slides for Use in Immunohistochemical Assays.
AD-A157 675/0 24-*554,976* PC **A02**/MF **A01**

Production and Characterization of Monoclonal Antibodies to Exotoxin A from Pseudomonas aeruginosa.
AD-A157 753/5 24-*554,984* PC **A02**/MF **A01**

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AD-A157 985/3 24-*555,015* PC **A02**/MF **A01**

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AD-A158 224/6 24-*555,162* PC **A02**/MF **A01**

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DE84770373 04-*508,665* PC **A04**/MF **A01**

Antibodies to Benzo(A)Pyrene and Their Use in Immunoassays.
DE85005092 12-*526,359* PC **A02**/MF **A01**

Enzyme-Linked Immunosorbent Assay (ELISA) for Determining Anti-Bodies against Herpes Simplex Virus (HSV) Types 1 and 2 in Human Sera.
PAT-APPL-6-687 370 11-*523,737* PC **A02**/MF **A01**

Monoclonal Antibodies Against Chlamydial Genus Specific Lipopolysaccharide.
PAT-APPL-6-696 538 15-*533,427* PC **A02**/MF **A01**

Monoclonal Antibodies Reactive with Human Breast Cancer.
PAT-APPL-6-707 400 24-*555,044* PC **A03**/MF **A01**

Therapeutic and Diagnostic Monoclonal Antibody Specific for Human T-Cell Leukemia Virus Type 1 Envelopes Protein.
PAT-APPL-6-717 613 21-*547,535* PC **A02**/MF **A01**

Competitive ELISA (Enzyme-Linked Immunosorbent Assay) for the Detection of Antibodies.
PAT-APPL-6-737 458 21-*547,536* PC **A02**/MF **A01**

Enhancement of Specific Antibody Production with Anti-IgD Antibodies.
PAT-APPL-6-749 681 24-*555,045* PC **A02**/MF **A01**

Monoclonal Antibodies to Porcine Immunoglobulins.
PATENT-4 468 346 01-*500,666* Not available NTIS

Prevention of Graft Versus Host Disease Following Bone Marrow Transplantation.
PATENT-4 500 637 13-*528,816* Not available NTIS

Process for Producing Monoclonal Antibodies Reactive with Human Breast Cancer.
PATENT-4 522 918 26-*560,327* Not available NTIS

Radiolabeled Antibodies in Cancer.
PB84-922804 06-*513,071* PC**$8.00**/MF **A01**

Herstellung Monoklonaler Antikoerper gegen Ferritin (Preparation of Monoclonal Antibodies against Ferritin),
PB85-116945 03-*505,623* PC **E03**/MF **E03**

Role des Anticorps et des Antigenes Nucleotidiques dans Certaines Maladies Neuro-Immunologiques Animales et Humaines (Role of Nucleotedic Antibodies and Antigens in Certain Neuro-Immunologic Illnesses in Animals and Humans).
PB85-198752 18-*540,087* PC **E04**/MF **E04**

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PB85-930700 09-*518,691* Subscription

ANTIBODY AFFINITY CONSTANTS

Calculation of Monoclonal Antibody Affinity Constants Directly from Antibody Dilution Curves.
AD-A154 802/3 18-*540,189* PC **A02**/MF **A01**

ANTIBODY BLOCKING

Human SCLC (Small Cell Lung Cancer) Autocrine Growth Factors and Monoclonal Antibody Blocking the Same.
PAT-APPL-6-717 692 20-*544,745* PC **A03**/MF **A01**

ANTIBODY DEPENDENT CELL CYTOTOXICITY

Peroxidase-Antiperoxidase (PAP) Immune Complex Procedure for Mouse Mammary Tumor Virus Antigens.
PB85-171916 13-*528,893* PC **A03**/MF **A01**

ANTICHOLINERGIC DRUGS

Atropinized Heat-Stressed Rat Model: Dose Response Effects and Pharmacokinetics,
AD-A146 851/1 02-*503,420* PC **A02**/MF **A01**

Atropinized Heat-Stressed Rat Model: Anticholinergic and Anticholinesterase Drug Potency,
AD-A157 620/6 23-*552,372* PC **A02**/MF **A01**

ANTICHOLNERGIC DRUGS

Stability Study of HI-6 Dichloride in Various Anticholinergic Formulations.
AD-A153 518/6 16-*535,746* PC **A02**/MF **A01**

ANTICOAGULANTS

Hereditary Warfarin Resistance: Investigation of a Reare Phenomenon.
AD-A154 562/3 18-*540,178* PC **A02**/MF **A01**

Certification of Three Reference Materials for Thromboplastins. BCR No. 147, 148, and 149,
PB85-186419 17-*537,559* PC **E04**/MF **E04**

ANTICONVULSANTS

Synthese des Derives Organiques a Action Anticholinergique et Anticonvulsivante (Synthesis of Organic Derivatives with Anti-Cholinergic and Anti-Convulsive Properties. Subject: Glycolate Levels of Amino-Alkyls with Annti-Cholinergic Properties).
PB85-196018 17-*537,560* PC **E04**/MF **E04**

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PB85-858488 12-*527,521* PC **N01**/MF **N01**

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PB85-190866 16-*535,405* PC **A13**/MF **A01**

ANTIDIURETICS

Effects of Injury on Regulation of Water Balance,
AD-P004 405/7 12-*526,602* PC **A02**/MF **A01**

ANTIDOTES

Preparation of HI-6, HGG-12 and Toxogonin.
AD-A145 967/6 01-*500,871* PC **A02**/MF **A01**

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AD-A150 368/9 10-*522,351* PC **A02**/MF **A01**

Action of Cholinergic Poisons on the Central Nervous System and Effectiveness of Potential Antidotes.
AD-A151 468/6 12-*526,581* PC **A03**/MF **A01**

Effects of HI-6 on Brain Neuronal RNA and Acetylcholinesterase: Metabolic Responses During Acute Soman Intoxication.
AD-A152 352/1 14-*532,306* PC **A02**/MF **A01**

Protective Effect of Diazepam Pretreatment on Soman-Induced Brain Lesion Formation.
AD-A152 439/6 14-*531,395* PC **A02**/MF **A01**

Competitive Binding of the Oximes HI-6 and 2-PAM with Regional Brain Muscarinic Receptors.
AD-A153 141/7 15-*533,424* PC **A02**/MF **A01**

Stability Study of HI-6 Dichloride in Various Anticholinergic Formulations.
AD-A153 518/6 16-*535,746* PC **A02**/MF **A01**

Development of an On-Demand, Generic, Drug-Delivery System.
AD-A158 550/4 25-*557,761* PC **A03**/MF **A01**

ANTIEPILEPTIC DRUGS

Study of Antiepileptic Drug Usage Final Report.
PB85-244622 25-*557,774* PC **A07**/MF **A01**

ANTIETAM NATIONAL BATTLEFIELD

Antietam National Battlefield: Wayside Exhibit Proposals,
PB85-248854 26-*560,262* PC **A03**/MF **A01**

ANTIFERROELECTRIC MATERIALS

Structural Study of the High-Pressure Antiferroelectric Phase of CsH sub 2 PO sub 4.
DE85013309 24-*556,595* PC **A02**/MF **A01**

Analysis of Transitions Between Ferroelectric and Antiferroelectric States under Conditions of Uniaxial Strain.
DE85014468 24-*557,025* PC **A02**/MF **A01**

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DE85001180 04-*510,389* PC **A03**/MF **A01**

Dynamical Effects and the Critical Behavior of Random-Field Systems (Invited).
DE85003209 08-*518,160* PC **A02**/MF **A01**

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DE85701427 22-*551,795* PC **A02**/MF **A01**

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DE85751925 25-*559,815* PC **A02**/MF **A01**

Field-Induced Phase Transitions in Antiferromagnetic Systems. An Experimental Study.
DE85760202 10-*523,113* PC **A08**/MF **A01**

ANTIFERROMAGNETISM

Bulk and Surface Spin Waves in Thin-Film Antiferromagnets.
AD-A152 872/8 15-*535,099* Not available NTIS

Monte Carlo Solution of Antiferromagnetic Quantum Heisenberg Spin Systems.
AD-A154 361/0 17-*539,466* PC **A02**/MF **A01**

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DE85003209 08-*518,160* PC **A02**/MF **A01**

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DE85003608 09-*520,732* PC **A02**/MF **A01**

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DE85007766 13-*530,551* PC **A07**/MF **A01**

Susceptibility of a Heisenberg Antiferromagnet.
DE85700045 09-*520,744* PC **A02**/MF **A01**

Critical Phase for the Antiferromagnetic Z(5) Model on a Square Lattice.
DE85701428 22-*551,796* PC **A02**/MF **A01**

ANTIFOULING COATINGS

Long-Term Effects of Tributyltin Compounds on the Baltic Amphipod, Gammarus oceanicus.
AD-A146 105/2 01-*501,510* Not available NTIS

Process for Preparation of Crosslinked Poly(tri-n-butyltin) Methacrylate with Simultaneous Particle Size Reduction.
PAT-APPL-6-609 940 02-*503,501* PC **A02**/MF **A01**

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PB85-851822 03-*506,400* PC **N01**/MF **N01**

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PB85-854610 06-*513,532* PC **N01**/MF **N01**

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PB85-857712 11-*524,439* PC **N01**/MF **N01**

Antifouling Coatings for Marine Environments. 1976-July 1985 (Citations from the Energy Data Base).
PB85-864262 20-*545,473* PC **N01**/MF **N01**

ANTIFREEZES

Development of a High-Temperature Coolant for Advanced Diesel Engines.
AD-A153 680/4 16-*536,990* PC **A04**/MF **A01**

Teratologic Evaluation of Ethylene Glycol (CAS No. 107-21-1) Administered to CD Rats on Gestational Days 6 Through 15.
PB85-104594 01-*500,919* PC **A13**/MF **A01**

ANTIFUNGAL DRUGS

Pre-Clinical Evaluation of Antifungal Drugs for Deep Mycoses.
AD-A148 372/6 05-*511,118* PC **A02**/MF **A01**

ANTIGEN ANTIBODY REACTIONS

Ultrasensitive Detection of Chemical Sustances.
AD-A152 276/2 13-*528,668* PC **A02**/MF **A01**

Reactivity of Anti-MSA Monoclonal Antibody with Schistosomal and Non-Schistosomal Antigenic Extracts.
AD-A152 597/1 14-*531,389* PC **A02**/MF **A01**

Antigenic Characterization of Locally Prevalent Rabies Strains Using Monoclonal Antibodies,
AD-A154 908/8 18-*540,164* PC **A02**/MF **A01**

In Vitro Antigen-Specific Antibody Response to the Species-Specific Surface Protein Antigens of Typhus Group Rickettsiae by Human Peripheral Blood Mononuclear Cells. Generation of an Antigen-Dependent Suppressor T Cell.
AD-A157 998/6 24-*555,018* PC **A02**/MF **A01**

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DE84701843 03-*505,748* PC **A03**/MF **A01**

ANTIGENS

Experimental Measurements of the Kinetic Evolution of Cluster Size Distributions with Applications to the Fractal Structure of Antigen-Antibody Clusters,
AD-A145 791/0 01-*500,578* PC **A02**/MF **A01**

Primary Structure of Papain-Solubilized Human Histocompatibility Antigen HLA-B40 (-Bw60). An Outline of Alloantigenic Determinants.
AD-A147 139/0 02-*503,235* PC **A02**/MF **A01**

Immunoelectrophoretic Analysis, Toxicity, and Kinetics of In Vitro Production of the Protective Antigen and Lethal Factor Components of Bacillus anthracis Toxin.
AD-A147 512/8 03-*505,777* Not available NTIS

Crystallization of the Protective Antigen Protein of Bacillus anthracis,
AD-A148 938/4 07-*514,634* PC **A02**/MF **A01**

Expression of Lipopolysaccharide 0 Antigen in Escherichia coli K-12 Hybrids Containing Plasmid and Chromosomal Genes from Shigella dysenteriae 1.
AD-A148 942/6 07-*514,580* PC **A02**/MF **A01**

Fluoresent Binding Assays for Antigen Detection.
AD-A149 266/9 06-*516,163* PC **A04**/MF **A01**

Variable Antigen Type (VAT) Composition of Trypanosoma brucei rhodesiense: Discrepancy between Results Obtained Using VAT-Specific Monoclonal Antibodies and Rabbit Antisera.
AD-A149 588/6 09-*518,624* PC **A02**/MF **A01**

Lymphocyte Antigens and Receptors.
AD-A150 213/7 10-*521,452* PC **A02**/MF **A01**

Adjuvant Effects on Immune Responses to Biological Agents.
AD-A150 986/8 11-*523,710* PC **A02**/MF **A01**

Surface Markers, Antigens, and Peceptors on Murine T and B Cells. Part 3.
AD-A152 392/7 14-*531,209* PC **A03**/MF **A01**

Surface Markers, Antigens, and Receptors on Murine T and B Cells. Part 2.
AD-A152 435/4 14-*531,210* PC **A05**/MF **A01**

Genetic and Physiological Control of Protective Antigen Synthesis by Bacillus anthracis.
AD-A155 442/7 19-*542,720* PC **A03**/MF **A01**

Recognition of Serogroup A Neisseria meningitidis Serotype Antigens by Human Antisera.
AD-A155 512/7 19-*542,545* Not available NTIS

Genetic and Physiological Control of Protective Antigen Synthesis by Bacillus anthracis.
AD-A156 324/6 21-*547,677* PC **A04**/MF **A01**

Study of Toxic and Antigenic Structures of Botulinum Neurotoxins.
AD-A156 727/0 22-*549,710* PC **A02**/MF **A01**

Recognition and Response to Alloantigens In vivo. II. Priming with Accessory Cell-Depleted Donor Allogeneic Splenocytes: Induction of Specific Unresponsiveness to Foreign Major Histocompatibility Complex Determinants.
AD-A156 862/5 22-*549,729* PC **A02**/MF **A01**

Non-Activated Guinea-Pig T Cells and Thymocytes Express Ia (I-Region Associated) Antigens. FACS (Fluorescence-Activated Cell Sorter) Analysis with Alloantibodies and Monoclonal Antibodies.
AD-A157 021/7 22-*549,792* PC **A02**/MF **A01**

Genetic and Physiological Control of Protective Antigen Synthesis.
AD-A157 333/6 23-*552,217* PC **A03**/MF **A01**

Effect of Avridine on Enteric Antigen Uptake and Mucosal Immunity to Reovirus (1/Lang).
AD-A157 510/9 23-*552,265* PC **A02**/MF **A01**

Altered H-Antigen Reactivity as an Early Indicator of Malignant Transformation in Oral Epithelium.
AD-A157 674/9 24-*554,997* PC **A02**/MF **A01**

Immunogenetics.
AD-A157 878/0 24-*554,999* PC **A03**/MF **A01**

T-Cell Receptor-Specific for Antigen Polypeptides and Related Polynucleotides.
PAT-APPL-6-585 333 03-*505,637* PC **A03**/MF **A01**

Purified Antigen from Non-A, Non-B Hepatitis Causing Factor.
PAT-APPL-6-709 678 15-*533,320* PC **A03**/MF **A01**

Role des Anticorps et des Antigenes Nucleotidiques dans Certaines Maladies Neuro-Immunologiques Animales et Humaines (Role of Nucleotedic Antibodies and Antigens in Certain Neuro-Immunologic Illnesses in Animals and Humans).
PB85-198752 18-*540,087* PC **E04**/MF **E04**

Studies of the Antigens of Group B Streptococci.
PB85-227809 22-*549,831* PC **A02**/MF **A01**

HLA Typing. 1978-August 1985 (Citations from the Life Sciences Collection Data Base).
PB85-866275 21-*547,565* PC **N01**/MF **N01**

Oncofetal Proteins.
PB85-930500 09-*518,689* Subscription

Immunobiology and Cancer: The Major Histocompatibility Complex.
PB85-930600 09-*518,690* Subscription

Immunobiology and Cancer: Tumor-Associated Antigens.
PB85-930800 09-*518,692* Subscription

Viral Immunology.
PB85-931000 09-*518,756* Subscription

ANTIHISTAMINICS

Novel Biological Activity in Aloe Components: Effects on Mast Cell Degranulation and Platelet Aggregation,
PB85-231280
20-*544,862*
(Order as PB85-231272, PC **E05**/MF **E01**)

ANTIINFLAMMATORY AGENTS

Treatment of Intraocular Inflammatory Disease with Cyclosporin A.
AD-A147 097/0 02-*503,293* PC **A02**/MF **A01**

Sucralfate Prevents Experimental Peptic Esophagitis in Rabbits.
AD-A155 391/6 19-*542,726* PC **A02**/MF **A01**

Pharmacology of Periodontal Disease.
AD-A157 116/5 23-*552,365* PC **A02**/MF **A01**

Antiinflammatory 2,3-Didemethylcolchicine and Derivatives.
PAT-APPL-6-705 709 20-*544,856* PC **A02**/MF **A01**

Pharmacologically Active Amine Boranes.
PATENT-4 368 194 **02**-*503,502* Not available NTIS

ANTIJAMMING

Coding for Spread-Spectrum Channels in the Presence of Jamming.
AD-A146 702/6 **01**-*502,104* PC **A02**/MF **A01**

Simulation Study of Jammer Nulling Trade-Offs in a Reactively Steered Adaptive Array.
AD-A153 461/9 **16**-*536,038* PC **A04**/MF **A01**

Parallel Processor Configuration for Adaptive Antenna Arrays.
PAT-APPL-6-640 904 **03**-*506,904* PC **A04**/MF **A01**

Integrated Defense Communications System Antijamming Antenna System.
PAT-APPL-6-654 338 **05**-*512,177* PC **A02**/MF **A01**

ANTIKAONS NEUTRAL

Experimental Data on the Kaon and Hyperon Interaction inside a Nucleus.
DE84702630 **03**-*507,546* PC **A02**/MF **A01**

Partial Wave Analysis of K Anti K pi System in the D and E/iota Regions.
DE85012179 **22**-*551,527* PC **A02**/MF **A01**

ANTILAMBDA PARTICLES

Study of the Inclusive lambda , Anti lambda Production in Diffractive gamma P Interactions.
DE85014903 **25**-*559,520* PC **A02**/MF **A01**

Neutral Strange Particle Production in K exp + p Interactions at 32 GeV/C.
DE85701012 **22**-*551,584* PC **A04**/MF **A01**

Detailed Study of Strange Particle Production in e exp + e exp - Annihilation at High Energy.
DE85750786 **15**-*534,956* PC **A03**/MF **A01**

Anti lambda sup 0 Polarization Measurements in Anti p p Interactions at Sqrt S = 31 GeV.
DE85901029 **20**-*546,847* PC **A02**/MF **A01**

ANTILEISHMANIAL AGENTS

Mode of Action of Polyamine Analogues on the Growth and Biochemistry of Leishmanial Cells.
AD-A148 857/6 **07**-*514,637* PC **A03**/MF **A01**

Army Drug Development Program. Phase I. Clinical Testing.
AD-A148 919/4 **07**-*514,638* PC **A10**/MF **A01**

Activity of Immunoglobulin G-Coated Red Cell Ghosts Containing Pentamidine against Macrophage-Contained Leishmania in Vitro.
AD-A149 584/5 **09**-*518,760* PC **A02**/MF **A01**

Biochemical Mechanisms of the Antileishmanial Activity of Sodium Stibogluconate.
AD-A157 853/3 **24**-*555,158* PC **A02**/MF **A01**

Testing Experimental Compounds against American Cutaneous and Mucocutaneous Leishmaniasis.
AD-A157 956/4 **24**-*555,160* PC **A03**/MF **A01**

Activity of Antileishmanial Agents against Amastigotes in Human Monocyte-Derived Macrophages and in Mouse Peritoneal Macrophages.
AD-A158 763/3 **25**-*557,765* PC **A02**/MF **A01**

ANTILOCAPRA AMERICANA

Habitat Suitability Index Models: Pronghorn,
PB85-121069 **04**-*508,455* PC **A03**/MF **A01**

ANTIMALARIALS

Synergistic Antimalarial Activity of Pyrimethamine and Sulfadoxine against Plasmodium falciparum In Vitro.
AD-A145 788/6 **01**-*500,811* PC **A02**/MF **A01**

Suppression of Mitogenic Lectin-Induced Blast Transformation of Human Peripheral Blood Mononuclear Cells by Pyrimethamine.
AD-A146 864/4 **02**-*503,422* PC **A02**/MF **A01**

Evaluation of the 4-Pyridinemethanol WR 180,409 (Empiroline) in the Treatment of Induced Plasmodium falciparum Infections in Healthy, Non-Immune Subjects.
AD-A147 746/2 **04**-*508,628* PC **A02**/MF **A01**

Prolonged Incubation Improves the Micro-Scale in-vitro Test for Drug Sensitivity of Plasmodium falciparum.
AD-A148 140/7 **04**-*508,501* PC **A02**/MF **A01**

Army Drug Development Program. Phase 1. Clinical Testing.
AD-A148 734/7 **06**-*513,171* PC **A10**/MF **A01**

Army Drug Development Program. Phase 1. Clinical Testing.
AD-A148 820/4 **06**-*513,173* PC **A05**/MF **A01**

Army Drug Development Program. Phase I. Clinical Testing.
AD-A148 919/4 **07**-*514,638* PC **A10**/MF **A01**

Isolation of Artemisinin (Qinghaosu) from Artemisia Annua Growing in the U.S.
AD-A149 121/6 **08**-*516,276* PC **A02**/MF **A01**

2-Acetylpyridine Thiosemicarbazones. XI. 2-(Alpha-Hydroxyacetyl)Pyridine Thiosemicarbazones as Antimalarial and Antibacteriaol Agents.
AD-A151 806/7 **13**-*528,809* PC **A02**/MF **A01**

2-Acetylpyridine Thiosemicarbazones. 10. 2-Propionyl-, 2-Butyryl-, and 2-(2-Methylpropionyl)Pyridine Thiosemicarbazones as Potential Antimalarial Agents.
D-A152 246/5 **13**-*528,815* PC **A02**/MF **A01**

ntimalarial Drug Susceptibility Testing of Plasmodium falciparum in Thailand Using a Microdilution Radioisotope Method.
D-A154 544/1 **18**-*540,051* PC **A02**/MF **A01**

In Vitro Activities of and Mechanisms of Resistance to Antifol Antimalarial Drugs.
AD-A155 090/4 **18**-*540,183* PC **A02**/MF **A01**

Ornithine Decarboxylase Inhibition and Malaria-Infected Red Cell: A Model for Polyamine Metabolism and Growth.
AD-A156 238/8 **21**-*547,678* PC **A02**/MF **A01**

Qinghaosu, a Potent Antimalarial, Peturbs Polyamine Metabolism in Human Malaria Cultures.
AD-A156 719/7 **22**-*549,898* Not available NTIS

Studies of Resistance to Chloroquine, Quinine, Amodiaquine and Mefloquine among Philippine Strains of Plasmodium falciparum.
AD-A157 178/5 **23**-*552,367* PC **A02**/MF **A01**

4-Methyl-5-(Unsubstituted and Substituted Phenoxy)-6-Methoxy-8-(Aminoalkylamino)Quinolines.
PATENT-4 431 807 **03**-*505,755* Not available NTIS

Method for Treating Bacterial Infections with 2-Acetyl- and 2-Propionylpyridine Thiosemicarbazones.
PATENT-4 447 427 **01**-*500,823* Not available NTIS

ANTIMATTER

Gravitational Properties of Antimatter.
DE85009601 **17**-*539,386* PC **A02**/MF **A01**

Anti-Matter Propulsion: Feasibility, Status, and Possible Enhancement.
DE85015716 **26**-*562,052* PC **A02**/MF **A01**

Balloon Test Project: Cosmic Ray Antimatter Calorimeter (CRAC).
N84-33772/4 **01**-*502,171* PC **A03**/MF **A01**

Nature of the Baryon Asymmetry.
N85-14784/1 **08**-*515,822* PC **A02**/MF **A01**

ANTIMESONS

Inclusive Ksup(*+)(890), Ksup(*+)(1430) and Anti Ksup(*-)(890) Production in K exp + p Interactions at 32 GeV/C.
DE85700857 **20**-*546,718* PC **A03**/MF **A01**

ANTIMICROBIAL AGENTS

In Vivo Protection of Penicillin-Susceptible Bacteroides Melaninogenicus from Penicillin by Facultative Bacteria Which Produce Beta-Lactamase.
AD-A145 773/8 **01**-*500,795* PC **A02**/MF **A01**

Effect of Gentamicin on Abscesses Caused by Bacteroides Species.
AD-A147 096/2 **02**-*503,423* PC **A02**/MF **A01**

Topical Chlorhexidine Diphosphanilate (WP-973) in burn Wound Sepsis.
AD-A147 355/2 **03**-*505,649* Not available NTIS

Research and Development of Wound Dressing in Maxillofacial Trauma.
AD-A148 549/9 **05**-*511,021* PC **A03**/MF **A01**

2-Acetylpyridine Thiosemicarbazones. XI. 2-(Alpha-Hydroxyacetyl)Pyridine Thiosemicarbazones as Antimalarial and Antibacteriaol Agents.
AD-A151 806/7 **13**-*528,809* PC **A02**/MF **A01**

Prophylactic Doxycycline for Traveler's Diarrhea in Thailand.
AD-A151 821/6 **13**-*528,811* PC **A02**/MF **A01**

Bactericidal Capability and Respiratory Burst Characteristics of the Murine Macrophage Cell Line RAW264.7.
AD-A152 985/8 **15**-*533,446* PC **A02**/MF **A01**

Antimicrobial Susceptibility and Characterization of Outer Membrane Proteins of Haemophilus Ducreyi Isolated in Thailand.
AD-A153 560/8 **16**-*535,737* PC **A02**/MF **A01**

Antileishmanial Activity of Human Red Blood Cells Containing Formycin A.
AD-A155 076/3 **18**-*540,182* PC **A02**/MF **A01**

Pharmacology of Periodontal Disease.
AD-A157 116/5 **23**-*552,365* PC **A02**/MF **A01**

Mechanisms in Opposite Modulation of Spleen Cell and Lymph Node Cell Responses to Mitogens following Muramyl Dipeptide Treatment in Vivo.
AD-A157 879/8 **24**-*555,000* PC **A02**/MF **A01**

Treatment of Anaerobic Infections in Children with Metronidazole.
AD-A158 909/2 **25**-*557,769* PC **A02**/MF **A01**

Method for Treating Bacterial Infections with 2-Acetyl- and 2-Propionylpyridine Thiosemicarbazones.
PATENT-4 447 427 **01**-*500,823* Not available NTIS

Response of Chemostat Grown Enteric Bacteria to Chlorine Dioxide,
PB85-193308 **18**-*540,169* PC **A02**/MF **A01**

Antimicrobial Activities of N-Chloramines and Diazolidinyl Urea.
PB85-198836 **18**-*540,174* Not available NTIS

Antimicrobial Agents for Textiles. 1975-February 1985 (Citations from World Textile Abstracts).
PB85-855732 **08**-*516,859* PC **N01**/MF **N01**

ANTIMISSILE DEFENSE SYSTEMS

Elements of a BMD C3 (Command, Control and Communications) V and H Program,
AD-A156 152/1 **21**-*548,780* PC **A04**/MF **A01**

Applicability of Existing C3 (Command, Control and Communications) Vulnerability and Hardness Analyses to Sentry System Issues.
AD-A156 155/4 **21**-*548,781* PC **A07**/MF **A01**

Report of the Ad Hoc Committee to Review the Program of the SDI Directorate on Innovative Science and Technology (IST).
AD-A156 668/6 **22**-*550,870* PC **A02**/MF **A01**

Anthology: Rationale for a U.S. Ballistic Missile Defense (1969-1984).
AD-A156 781/7 **22**-*550,871* PC **A06**/MF **A01**

ANTIMOCROBIAL AGENTS

Antimicrobial Drugs used in the Management of Anaerobic Infections in Children.
AD-A158 910/0 **25**-*557,770* PC **A02**/MF **A01**

ANTIMONATES

Evaluation of Antimony Thioantimonate in Three In Vitro Short-Term Assays.
AD-A150 348/1 **10**-*521,454* PC **A03**/MF **A01**

ANTIMONIAL AGENTS

Biochemical Mechanisms of the Antileishmanial Activity of Sodium Stibogluconate.
AD-A157 853/3 **24**-*555,158* PC **A02**/MF **A01**

ANTIMONY

Electrochemical Studies of Antimony (III) and Antimony (V) in Molten Mixtures of Aluminum Chloride and Butylpyridinium Chloride.
AD-A149 583/7 **09**-*518,823* PC **A02**/MF **A01**

Thermal Outgassing of Irradiated Nuclear Fuel: A Literature Review.
DE84016922 **02**-*504,807* PC **A05**/MF **A01**

Study of the Measurement, by Electrothermal Atomization and Atomic-Absorption Spectrophotometry, of Hydride-Forming Elements.
DE84701997 **02**-*503,572* PC **A02**/MF **A01**

Elemental Analysis of Human Serum and Serum Protein Fractions by Thermal Neutron Activation.
DE84702893 **09**-*518,867* PC **A11**/MF **A01**

Behavior of Nuclear Waste Elements During Hydrothermal Alteration of Glassy Rhyolite in an Active Geothermal System: Yellowstone National Park, Wyoming.
DE85002730 **08**-*517,528* PC **A02**/MF **A01**

Trace Metal Determinations in Nickel-Plating Baths by Polarographic Methods.
DE85007064 **12**-*526,694* PC **A02**/MF **A01**

Radionuclide Mobility in the Shallow Portion of an Active High-Temperature Geothermal System.
DE85010293 **17**-*537,778* PC **A02**/MF **A01**

Burn-Up Cross Sections of sup 51 Cr, sup 59 Fe, sup 65 Zn, sup 86 Rb, sup 103 Ru.
DE85011814 **19**-*544,152* PC **A02**/MF **A01**

Atomic Absorption Spectrophotometry for the Determination of Metallic Impurities in Coal.
DE85700309 **16**-*536,972* PC **A10**/MF **A01**

Spectrographic Determination of Trace Amounts of Some Elements in Metallic Aluminium.
DE85700580 **19**-*542,804* PC **A02**/MF **A01**

Impurity Diffusion of Antimony in Molybdenum.
DE85700707 **22**-*550,450* PC **A02**/MF **A01**

Impurity Diffusion in Iron and Steels: Antimony Diffusion.
DE85700708 **22**-*550,451* PC **A02**/MF **A01**

Development of Engineering and Cost Data for Foreign Antimony and Barite Properties.
PB85-202984 **18**-*540,523* PC **A03**/MF **A01**

ANTIMONY 121 TARGET

Photoneutron Cross Sections of sup 121 Sb, sup 123 Sb and Sup(Nat) Sb.
DE84703125 **09**-*520,336* PC **A02**/MF **A01**

Study of the Giant Dipole Resonance by Nuclear Resonance Fluorescence Below the Particle Threshold.
DE84780566 **09**-*520,455* PC **A05**/MF **A01**

ANTIMONY 123 TARGET

Photoneutron Cross Sections of sup 121 Sb, sup 123 Sb and Sup(Nat) Sb.
DE84703125 **09**-*520,336* PC **A02**/MF **A01**

Study of the Giant Dipole Resonance by Nuclear Resonance Fluorescence Below the Particle Threshold.
DE84780566 **09**-*520,455* PC **A05**/MF **A01**

Difference of the Dynamic Moment of Inertia Isub(Band)Sup((2)) for Xe and Ba Nuclei.
DE85751235 **24**-*556,864* PC **A03**/MF **A01**

ANTIMONY 124

Burn-Up Cross Sections of sup 51 Cr, sup 59 Fe, sup 65 Zn, sup 86 Rb, sup 103 Ru.
DE85011814 **19**-*544,152* PC **A02**/MF **A01**

ANTIMONY 125

Radionuclide Migration Studies at the Savannah River Plant Humid Shallow Land Burial Site for Low-Level Waste.
DE85000751 **09**-*519,987* PC **A02**/MF **A01**

ANTIMONY 128

Large-Scale Shell Model Calculations for Odd-Odd Nuclei and Comparison to Experimental Studies of Fission Product Nuclei in the sup 132 Sn Region.
DE85006449 **11**-*525,493* PC **A02**/MF **A01**

ANTIMONY 130

Radioactive Decay Studies at TRISTAN. Progress Report, January 1, 1983-September 30, 1984.
DE85003243 **08**-*517,999* PC **A04**/MF **A01**

Large-Scale Shell Model Calculations for Odd-Odd Nuclei and Comparison to Experimental Studies of Fission Product Nuclei in the sup 132 Sn Region.
DE85006449 **11**-*525,493* PC **A02**/MF **A01**

ANTIMONY 132

Radioactive Decay Studies at TRISTAN. Progress Report, January 1, 1983-September 30, 1984.
DE85003243 **08**-*517,999* PC **A04**/MF **A01**

Large-Scale Shell Model Calculations for Odd-Odd Nuclei and Comparison to Experimental Studies of Fission Product Nuclei in the sup 132 Sn Region.
DE85006449 **11**-*525,493* PC **A02**/MF **A01**

ANTIMONY ALLOYS

Itinerant F-Electron Behavior in Ce and U Compounds.
DE85014961 **25**-*559,793* PC **A02**/MF **A01**

ANTIMONY CHLORIDES

Alkali Atom - SbCl5 Reactions: Blue-Green Chemiluminescence from an Inverted Population in SbCl.
AD-A154 371/9 **17**-*537,630* PC **A02**/MF **A01**

Molten Salt Spectroelectrochemistry: Recent Developments.
DE85013113 **25**-*557,956* PC **A02**/MF **A01**

ANTIMONY COMPOUNDS

Evaluation of Antimony Thioantimonate in Three in Vitro Short-Term Assays.
AD-A150 348/1 **10**-*521,454* PC **A03**/MF **A01**

Activity of Antileishmanial Agents against Amastigotes in Human Monocyte-Derived Macrophages and in Mouse Peritoneal Macrophages.
AD-A158 763/3 **25**-*557,765* PC **A02**/MF **A01**

Theoretical and Experimental Study of Solid Phase Miscibility Gaps in III/V Quarternary Alloys. Progress Report.
DE85000868 **06**-*514,058* PC **A02**/MF **A01**

ANTIMONY FLUORIDES

Application of Powerful Oxidizers in the Synthesis of New High-Oxidation State Actinide and Related Species.
DE85005107 **11**-*524,001* PC **A08**/MF **A01**

ANTIMONY LEAD CELLS

Test Series 4: Seismic-Fragility Tests of Naturally-Aged Exide EMP-13 Battery Cells,
NUREG/CR-4097 **20**-*545,451* PC **A06**/MF **A01**

ANTIMONY OXIDES

Retention and Thermic Desorption of Molybdate Anions on Inorganic Exchangers.
DE85780754 **17**-*537,686* PC **A03**/MF **A01**

ANTIMONY TELLURIDES

Measurement of the Transport Properties of (Sb sub 2 Te sub 3)sub(0.75)(Bi sub 2 Te sub 3)sub(0.25) Solid Solution with Addition of Tl sub 2 Te sub 3.
DE84703393 **10**-*523,100* PC **A03**/MF **A01**

Magnetic and Electrical Properties of NpSbTe and NpAsTe.
DE85750921 **17**-*539,487* PC **A02**/MF **A01**

ANTIMONY THIOANTIMONATE

Evaluation of Antimony Thioantimonate in Three in Vitro Short-Term Assays.
AD-A150 348/1 **10**-*521,454* PC **A03**/MF **A01**

Lubrication Mechanism of SbSbS4.
PB85-196178 **17**-*538,297* Not available NTIS

ANTINEOPLASTIC AGENTS

New Antineoplastic Platinum (IV) Complexes.
PAT-APPL-6-585 111 **10**-*521,666* PC **A03**/MF **A01**

Substantially Purified Tumor Growth Inhibitory Factor (TIF).
PAT-APPL-6-602 520 **02**-*503,424* PC **A04**/MF **A01**

Carbamates of Colchicine for Treatment of Gout.
PATENT-4 533 675 **24**-*555,261* Not available NTIS

Phase 2 Report of Preclinical Single and Five Daily Dose Intravenous Lethality Studies in CD2F1 Mice and Toxicity Studies in Beagle Dogs and Fischer 344 Rats of Benzisoquinolinedione (NSC-308847).
PB85-100576 **01**-*500,909* PC **A20**/MF **A01**

O-Iminyl Esters of N,N-Bis(2-chloroethyl)phosphorodiamidic Acid. Synthesis, X-Ray Structure Determination, and Anticancer Evaluation.
PB85-102226 **01**-*500,957* Not available NTIS

Phase 2 Preclinical Toxicological Evaluation of Bactobolin (NSC-325014) in CD2F1 Mice, Fischer 344 Rats, and Beagle Dogs. Volume 1. CD2F1 Mice and Fisher 344 Rats.
PB85-107894 **01**-*500,928* PC **A16**/MF **A01**

Phase 2 Preclinical Toxicological Evaluation of Bactobolin (NSC-325014) in CD2F1 Mice, Fisher 344 Rats, and Beagle Dogs. Volume 2. Beagle Dogs,
PB85-107902 **01**-*500,929* PC **A18**/MF **A01**

Handbook of Summaries of the National Cancer Institute/National Toxicology Program Carcinogenesis Bioassay Technical Reports. Update Number 1,
PB85-110948 **02**-*503,466* PC **A05**/MF **A01**

Phase 2 Preclinical Toxicological Evaluation of Flavone Acetic Acid (NSC-347512) in CD2F1 Mice, Fischer 344 Rats, and Beagle Dogs.
PB85-213452 **20**-*544,908* PC **A22**/MF **A01**

Preclinical Five-Daily Dose Range-Finding Study of Aphidicolin Glycinate HCl (NSC-303812) in CD2F1 Mice.
PB85-220804 **23**-*552,428* PC **A02**/MF **A01**

Preclinical Intravenous Lethality and Toxicity Study of 15-Deoxyspergualin HCl (NSC-356894) in CD2F1 Mice, Beagle Dogs, and Fischer 344 Rats. Volume 1.
PB85-227163 **23**-*552,430* PC **A13**/MF **A01**

Preclinical Intravenous Lethality and Toxicity Study of 15-Deoxyspergualin HCl (NSC-356894) in CD2F1 Mice, Beagle Dogs, and Fischer 344 Rats. Volume 2,
PB85-227171 **23**-*552,431* PC **A11**/MF **A01**

Phase 2 Report of Preclinical Single and Five Daily Dose Intravenous Lethality Studies in CD2F1 Mice and Toxicity Studies in Beagle Dogs and Fischer 344 Rats of Merbarone (NSC-336628).
PB85-229706 **22**-*549,963* PC **A24**

Antitumor and Antiviral Agents: Mechanisms of Action.
PB85-932200 **09**-*518,766* Subscription

Antitumor and Antiviral Agents: Experimental Therapeutics, Toxicology, Pharmacology.
PB85-932300 **10**-*521,653* Subscription

ANTINEOPLASTIC DRUGS

Melphalan Metabolism in Cultured Cells.
DE85016218 **26**-*560,389* PC **A02**/MF **A01**

Modification of Radiosensitivity of Mammalian Cells by Means of Hyperthermia and Chemical Agent. Coordinated Programme on Improvement of Cancer Therapy by the Combination of Treatment by Conventional Radiation and Physical or Chemical Means. Final Report for the Period 15 October 1982-14 October 1984.
DE85701628 **25**-*557,666* PC **A02**/MF **A01**

ANTINEUTRINO-ELECTRON INTERACTIONS

One-Loop Electroweak Corrections to Neutrino-Electron Elastic Scattering.
DE84703494 **09**-*520,402* PC **A02**/MF **A01**

Review of (Anti nu)/sub mu /E exp - Elastic Scattering Experiments.
DE85001938 **06**-*514,167* PC **A02**/MF **A01**

New Determination of Sin exp 2 theta/sub W/ from Ratio of Neutrino and Anti-Neutrino Elastic Scattering by Electrons.
DE85015182 **25**-*559,530* PC **A02**/MF **A01**

One-Loop Electroweak Corrections to Cross Sections of nu sub(Mu)(Anti nu sub(Mu))e Scattering Processes.
DE85700844 **18**-*541,806* PC **A02**/MF **A01**

ANTINEUTRINO-NEUTRON INTERACTIONS

Quasi-Elastic Interactions and One-Pion Production by Neutrinos and Anti-Neutrinos on a Deuterium Target.
DE85780651 **15**-*534,990* PC **A06**/MF **A01**

ANTINEUTRINO-NUCLEON INTERACTIONS

Twist Effects and Quark-Quark Correlations in Nucleon. On a Possibility of Experimental Investigation by Means of JINR-IHEP Neutrino Detector.
DE85700850 **20**-*546,711* PC **A02**/MF **A01**

Azimuthal Asymmetry of Hadrons Produced in Antineutrino Reactions.
DE85701593 **24**-*556,860* PC **A02**/MF **A01**

Nuclear Effect Study on Nucleon Structure Functions, in Comparison with Antineutrino Interactions on Neon and Deuterium.
DE85751935 **25**-*559,621* PC **A08**/MF **A01**

ANTINEUTRINO-PROTON INTERACTIONS

Study of Transverse Momenta of Charged Hadrons Produced in nu p and Anti nu p Charged Current Interactions.
DE84752304 **09**-*520,448* PC **A02**/MF **A01**

Valon-Recombination Description of Target Fragmentation in Deep-Inelastic mu p, nu p, Anti nu p Scattering.
DE85700072 **09**-*520,509* PC **A02**/MF **A01**

Two-Particle Lepton-Nucleon Processes in Dual QCD Approach.
DE85700655 **20**-*546,668* PC **A02**/MF **A01**

K sup 0 / pi sup - Ratio and Strangeness Suppression in nu p and Anti nu p Charged Current Interactions.
DE85751000 **20**-*546,760* PC **A03**/MF **A01**

Study of the Structure of the Proton by Deep Inelastic Neutrino and Antineutrino Scattering on Hydrogen.
DE85780025 **09**-*520,568* PC **A06**/MF **A01**

Quasi-Elastic Interactions and One-Pion Production by Neutrinos and Anti-Neutrinos on a Deuterium Target.
DE85780651 **15**-*534,990* PC **A06**/MF **A01**

Measurements of the Structure Functions F(sub 2)(x,Q(sup 2)) from Neutrino Proton and Antineutrino Proton Interactions. WA21 Collaboration.
PB85-159598 **10**-*523,042* PC **E03**/MF **E03**

ANTINEUTRINOS

Neutrino Counting in Colliding E exp + E exp - BEAMS.
DE84703219 **20**-*546,631* PC **A02**/MF **A01**

Neutrino Cosmology.
DE84703345 **11**-*523,321* PC **A05**/MF **A01**

Los Alamos Free Atomic Tritium beta Decay Experiment.
DE85005579 **12**-*527,998* PC **A02**/MF **A01**

ANTINEUTRON REACTIONS

Nuclear Structure at Intermediate Energies. Progress Report, 1984-1985.
DE85004348 **09**-*520,486* PC **A04**/MF **A01**

ANTINUCLEON REACTIONS

Pion Interactions at Medium Energies. Progress Report, February 1, 1984-January 31, 1985.
DE85003422 **08**-*518,000* PC **A07**/MF **A01**

Discussion Session: Nucleon- and Antinucleon-Nucleus Inelastic Scattering and Charge Exchange.
DE85010723 **18**-*541,759* PC **A02**/MF **A01**

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PB85-223725 **22**-*549,895* PC **E02**/MF **A01**

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PB85-223980 **22**-*549,861* PC **E02**/MF **A01**

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BALLAST BLOCKS

S-3A Ballast Block Final Design and Engineering Tests.
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Method to Render Second Order Beam Optics Programs Symplectic.
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PB85-193969 16-535,787 PC A02/MF A01

BENZALDEHYDE

Enhanced Spectroscopy and Photochemistry of Molecules Adsorbed on Metal Surfaces.
DE85000616 04-508,793 PC A11/MF A01

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BENZAMIDE

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AD-A148 002/9 04-508,672 PC A02/MF A01

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DE85004009 08-516,418 PC A03/MF A01

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DE85013661 23-552,458 PC A02/MF A01

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BENZATHRACENE/DIMETHYL

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AD-A147 136/6 02-503,624 PC A02/MF A01

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AD-A157 161/1 23-552,472 PC A02/MF A01

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PB85-118263 04-508,829 Not available NTIS

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PB85-120624 04-508,837 Not available NTIS

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Subtractively Normalized Interfacial Fourier Transform Infrared Spectroscopy of Difluorobenzene Adsorbed at Polycrystalline Platinum Electrodes.
AD-A148 660/4 06-513,221 PC A02/MF A01

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AD-A149 184/4 08-516,314 PC A03/MF A01

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PB85-211969 19-542,766 PC A07/MF A01

BENZENE DIOL/DIMETHYL

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DE85005527 10-521,665 PC A02

BENZENE/ETHYL

Structure and Isomerization of C7H7(+) Ions Formed in the Charge Transfer-Induced Fragmentation of Ethylbenzene, Toluene, and Norbornadiene.
PB85-123347 04-508,846 Not available NTIS

BENZENE/HEXACHLORO

Postnatal Effects of Hexachlorobenzene (HCB) on Cardiac Lactic Dehydrogenase (LDH) and Creatine Kinase (CK) Isozymes in CD-1 Mice.
PB85-176818 13-528,905 Not available NTIS

Neonatal and Maternal Body Burdens of Hexachlorobenzene (HCB) in Mice: Gestational Exposure and Lactational Transfer.
PB85-214369 20-544,911 PC A02/MF A01

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PB85-235976 23-552,433 PC A02/MF A01

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PB85-237113 24-555,344 PC A03/MF A01

BENZENE IONS

Structure and Isomerization of C7H7(+) Ions Formed in the Charge Transfer-Induced Fragmentation of Ethylbenzene, Toluene, and Norbornadiene.
PB85-123347 04-508,846 Not available NTIS

BENZENE/NITRO

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PB85-138279 06-513,786 PC A05/MF A01

BENZENE/TRICHLORO

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PB85-220762 21-547,546 PC A06/MF A01

BENZENE/TRINITRO

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AD-A155 723/0 19-542,755 PC A03/MF A01

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BENZENES

Acute Toxicity of Selected Substituted Phenols, Benzenes and Benzoic Acid Esters to Fathead Minnows 'Pimephales promelas'.
PB85-106318 01-500,925 PC A02/MF A01

Structure and Isomerization of C7H7(+) Ions Formed in the Charge Transfer-Induced Fragmentation of Ethylbenzene, Toluene, and Norbornadiene.
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PB85-157006 10-521,651 Not available NTIS

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PB85-207199 21-547,780 Not available NTIS

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PB85-171908 13-528,791 PC A03/MF A01

BENZIDINE/DIAMINO

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AD-A157 781/6 24-555,270 PC A02/MF A01

BENZIDINE/DICHLORO

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PB85-214625 20-545,179 PC A03/MF A01

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PB85-222552 21-547,558 PC A04/MF A01

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PB85-222560 21-547,559 PC A06/MF A01

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PB85-222578 21-547,560 PC A08/MF A01

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PB85-222586 21-547,561 PC A10/MF A01

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AD-A149 860/9 09-518,838 Not available NTIS

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AD-A158 528/0 25-557,933 PC A02/MF A01

BENZODIAZEPINE

Methylxanthine Discrimination in the Rat: Possible Benzodiazepine and Adenosine Mechanisms.
AD-A156 877/3 22-549,902 PC A02/MF A01

Benzodiazepine Activity: Daytime Effects and the Sleep EEG.
AD-A158 702/1 25-557,763 PC A02/MF A01

BENZOFLUORANTHENE

Exposure and Risk Assessment for Benzo(a)pyrene and Other Polycyclic Aromatic Hydrocarbons. Volume 4. Benzo(a)pyrene, Acenaphthylene, Benz(a)anthracene, Chrysene, Dibenz(a,h)anthracene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(g,h,i)perylene, Indeno(1,2,3-c,d)pyrene.
PB85-222586 21-547,561 PC A10/MF A01

BENZOFURAN/DIMETHYLENE-DIHYDRO

1. Kinetic and Mechanistic Study of the (4+ 4) Dimerization of 2,3-Dimethylene-2,3-Dihydrofuran. 2. Preparation of 2,3-Dimethylene-2,3-Dihydrobenzo(B)Furan by the Flash Vacuum Pyrolysis of 2-Methyl-3-Benzo(B)Furylmethyl Benzoate. 3. Reaction of 2,3-Dimethylene-2,3-Dihydrofuran with Triplet Oxygen.
DE85009234 16-535,844 PC A13/MF A01

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DE85004364 20-547,044 PC A05/MF A01

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DE85007088 12-526,637 PC A09/MF A01

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DE85009226 17-537,645 PC A13/MF A01

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DE85014937 24-557,136 PC A02/MF A01

BENZOIC ACID

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DE85003704 08-518,263 PC A06/MF A01

Acute Toxicity of Selected Substituted Phenols, Benzenes and Benzoic Acid Esters to Fathead Minnows 'Pimephales promelas'.
PB85-106318 01-500,925 PC A02/MF A01

Scientific Literature Review of Benzyl Alcohol, Benzaldehyde, Benzoic Acid and Related Compounds in Flavor Usage. Volume 1. Introduction and Summary, Tables of Data, Bibliography.
PB85-141216 06-513,115 PC A14/MF A01

BENZOIC ACID/HYDROXY- (METHOXY-ESTER)

Reactions of Chlorite with Activated Carbon and with Vanillic Acid and Indan Adsorbed on Activated Carbon.
PB85-225316 22-550,026 Not available NTIS

BENZOIC ACID/METHYL-(DIMETHYLPYRIMIDINYLUREIDO)SULFONYL

Activity and Pre-Emergence Selectivity of Some Recently Developed Herbicides: WL 49818, WL 82830, WL 83627, WL 83801, and DPX 5648.
PB85-186104 15-533,232 PC E05/MF E05

BENZOIC ACID/NITRO-THIOLATO

Permeation of Ellman's Anion in Cationic Surfactant Vesicles.
AD-A153 566/5 16-535,649 Not available NTIS

BENZOIC ANILIDE/HYDROXY

Topical Prophylaxis against Schistosomal Infections.
PAT-APPL-6-702 114 13-528,366 PC A03/MF A01

BENZOPERYLENE

Selectivity of Negative Ion Chemical Ionization Mass Spectrometry for Benzo(a)Pyrene.
PB85-137453 05-511,290 Not available NTIS

Exposure and Risk Assessment for Benzo(a)pyrene and Other Polycyclic Aromatic Hydrocarbons. Volume 4. Benzo(a)pyrene, Acenaphthylene, Benz(a)anthracene, Chrysene, Dibenz(a,h)anthracene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(g,h,i)perylene, Indeno(1,2,3-c,d)pyrene.
PB85-222586 21-547,561 PC A10/MF A01

BENZOPHENONE

Identification of Nonvolatile Coal Derived Products Via Chromatography Coupled with on-Line FTIR Detection Quarterly Progress Report, September 1-November 30, 1984.
DE85007878 15-535,165 PC A03/MF A01

BENZOPYRENE

Effects of Coal Combustion and Gasification Process Contaminants on Pulmonary Carcinogen Metabolism.
DE84017598 08-516,318 PC A02/MF A01

Genotoxic Effects of Benzo(A)Pyrene.
DE84752051 09-518,795 PC A03/MF A01

Examination of Adduct Formation in Vivo in the Mouse Between Benzo(A)Pyrene and DNA of Skin and Hemoglobin of Red Blood Cells.
DE85002491 08-516,325 PC A02/MF A01

Antibodies to Benzo(A)Pyrene and Their Use in Immunoassays.
DE85005092 12-526,359 PC A02/MF A01

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DE85007153 13-528,870 PC A02/MF A01

Information on Indoor Air Quality and Building Energy-Efficient Homes.
DE85007997 13-529,608 PC A03/MF A01

Positive Genetic Hazard Predictions from Short-Term Tests Have Proved False for Results in Mammalian Spermatogonia with All Environmental Chemicals So Far Tested.
DE85013640 24-555,221 PC A02/MF A01

Chemical Transformation of Polycyclic Aromatic Hydrocarbons Vapor-Adsorbed on Coal Stack Ash.
DE85013661 23-552,458 PC A02/MF A01

Measurement of Unscheduled DNA Synthesis in Germ Cells of the Male Mouse (Mus Musculus).
DE85014315 24-555,226 PC A03/MF A01

Molecular Biology of Environmental Aromatic Hydrocarbons. Progress Report, September 1, 1984-June 31, 1985.
DE85015036 24-554,938 PC A02/MF A01

Separation of Glucuronide, Sulfate, and Glutathione Conjugates of Benzo(A)Pyrene by HPLC.
DE85016293 26-560,477 PC A02/MF A01

Studies on the Tumor Initiating, Tumor Promoting, and Tumor CO-Initiating Properties of Respiratory Carcinogens.
DE85016387 26-560,420 PC A02/MF A01

Tests for Induction of Presumed Dominant-Lethal Effects in Female Mice.
DE85016961 26-560,421 PC A02/MF A01

Role of Metabolism in Benzo(A)Pyrene Carcinogenesis.
DE85017313 26-560,429 PC A02/MF A01

Retention, Metabolism, and Distribution of B(a)P-Coated Coal and Oil Fly Ash Intractracheally Instilled in Hamster.
DE85751418 18-540,242 PC A04

BENZOPYRENE/FLUORO

Metabolism of 8- and 9-Fluorobenzo(A)Pyrene.
PB85-171403 13-528,863 PC A02/MF A01

BENZOPYRENES

Selectivity of Negative Ion Chemical Ionization Mass Spectrometry for Benzo(a)Pyrene.
PB85-137453 05-511,290 Not available NTIS

Correlation Between Benzo(a)pyrene-Induced Mutagenicity and DNA Adduct Formation in 'Salmonella typhimurium' TA100.
PB85-176915 14-531,205 Not available NTIS

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PB85-200863 18-540,127 PC E06/MF E01

BENZOTHIAZOLE/PHENYL

Di-Acetylenyl-Substituted 2-Phenylbenzothiazoles.
PATENT-4 442 293 01-500,956 Not available NTIS

BENZOTRIAZOLE

Two-Dimensional Dynamical Jahn-Teller Effects in a Mixed-Valence Benzotriazolato Copper Cluster, Cu5(BTA)6(RNC)4.
PB85-102218 01-501,095 Not available NTIS

BENZYL ALCOHOLS

Scientific Literature Review of Benzyl Alcohol, Benzaldehyde, Benzoic Acid and Related Compounds in Flavor Usage. Volume 1. Introduction and Summary, Tables of Data, Bibliography.
PB85-141216 06-513,115 PC A14/MF A01

BENZYL CHLORIDE

Reactions in Microemulsion Media. Nucleophilic Substitution Reactions of Benzyl and p-Alkylbenzyl Chlorides.
AD-A156 046/5 21-547,735 PC A02/MF A01

Organic Air Pollutants During Manufacturing and Handling of PVC Floor Tiles.
N85-31669/3 23-553,418 PC A05/MF A01

BENZYL CHLORIDES

Reactions in Microemulsion Media. Nucleophilic Substitution Reactions of Benzyl and p-Alkylbenzyl Chlorides.
AD-A156 046/5 21-547,735 PC A02/MF A01

BENZYL RADICALS

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DE85007688 **14**-*531,634* PC **A02**/MF **A01**

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PB85-205102 **18**-*540,260* PC **A12**/MF **A01**

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PB85-205110 **18**-*540,261* PC **A15**/MF **A01**

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AD-A154 614/2 **18**-*540,269* PC **A02**/MF **A01**

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AD-A155 096/1 **18**-*540,906* PC **A02**/MF **A01**

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AD-A147 636/5 **04**-*509,956* PC **A04**/MF **A01**

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PAT-APPL-6-666 841 **07**-*515,306* PC **A03**/MF **A01**

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PB85-212074 **19**-*543,579* PC **A06**/MF **A01**

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DE85752673 **26**-*562,040* PC **A04**/MF **A01**

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PB85-135713 **05**-*511,916* PC **A03**/MF **A01**

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PB85-136885 **05**-*511,667* PC **A03**/MF **A01**

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PB85-101426 **01**-*501,829* PC **A04**/MF **A01**

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PB85-104628 **01**-*501,788* PC **A05**/MF **A01**

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PB85-120434 **04**-*509,661* PC **A04**/MF **A01**

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PB85-136851 **05**-*511,941* PC **A05**/MF **A01**

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PB85-137172 **06**-*513,744* PC **A03**/MF **A01**

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PB85-163855 **11**-*524,666* PC **A06**/MF **A01**

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PB85-219160 **20**-*545,864* PC **A09**/MF **A01**

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PB85-227775 **22**-*550,692* PC **A04**/MF **A01**

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PB85-227858 **22**-*550,718* PC **A05**/MF **A01**

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PB85-237873 **24**-*556,017* PC **E13**/MF **E01**

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PB85-241974 **24**-*556,021* PC **A03**/MF **A01**

Stripping and Moisture Damage in Asphalt Mixtures.
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BITUMINOUS SANDS

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PB85-178630 **14**-*532,829* PC **A02**/MF **A01**

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AD-A148 241/3 **05**-*511,742* PC **A03**/MF **A01**

Exact Simultaneous Confidence Intervals for Pairwise Comparisons of Three Normal Means.
AD-A148 751/1 **06**-*513,645* PC **A02**/MF **A01**

Conditionally Distribution-Free Test for Censored Bivariate Observations.
AD-A149 859/1 **09**-*519,451* PC **A02**/MF **A01**

An Approximation to Percentiles of a Variable of the Bivariate Normal Distribution When the other Variable is Truncated, with Application.
AD-A156 646/2 **22**-*550,508* PC **A02**/MF **A01**

Joint Central Limit Theorem for the Sample Mean and Regenerative Variance Estimator.
AD-A158 393/9 **25**-*558,501* PC **A02**/MF **A01**

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Scrawl Plots, and Letter and Blotter Strips.
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X-Ray and UV Emission from Active Galactic Nuclei.
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DE85015059 **24**-*555,620* PC **A03**/MF **A01**

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PB85-115376 **03**-*505,617* PC **A03**/MF **A01**

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BLACK BODY RADIATION

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AD-A147 706/6 **04**-*508,727* PC **A03**/MF **A01**

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AD-A147 743/9 **04**-*508,731* Not available NTIS

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AD-A148 150/6 **04**-*508,762* Not available NTIS

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AD-A148 199/3 **05**-*511,727* PC **A02**/MF **A01**

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AD-A148 269/4 **05**-*511,177* PC **A02**/MF **A01**

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AD-A148 993/9 **07**-*515,017* PC **A02**/MF **A01**

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PAT-APPL-6-610 912 **07**-*514,685* PC **A02**/MF **A01**

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AD-A150 621/1 **10**-*522,203* PC **A03**/MF **A01**

A-Optimal Incomplete Block Designs for Control-Test Treatment Comparisons.
AD-A151 334/0 **12**-*527,177* PC **A02**/MF **A01**

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AD-A156 245/3 **21**-*548,212* PC **A05**/MF **A01**

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AD-A158 493/7 **25**-*558,510* PC **A02**/MF **A01**

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AD-A146 136/7 **01**-*500,431* PC **A02**/MF **A01**

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PB85-106581 **04**-*508,163* PC **A06**/MF **A01**

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PB85-114205 **03**-*505,512* PC **A05**/MF **A01**

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PB85-127405 **05**-*510,904* PC **A05**/MF **A01**

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PB85-149722 **09**-*518,498* PC **A04**/MF **A01**

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PB85-167609 **12**-*526,057* PC **A03**/MF **A01**

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PB85-177897 **13**-*528,483* PC **A04**/MF **A01**

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PB85-191161 **17**-*537,189* PC **A03**/MF **A01**

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AD-A152 356/2 **14**-*531,920* PC **A02**/MF **A01**

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AD-A148 943/4 **07**-*515,175* PC **A02**/MF **A01**

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PB85-190866 **16**-*535,405* PC **A13**/MF **A01**

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AD-A146 242/3 **01**-*500,630* PC **A04**/MF **A01**

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AD-A146 582/2 **01**-*500,817* PC **A03**/MF **A01**

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AD-A154 586/2 **18**-*540,187* PC **A02**/MF **A01**

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DE85004485 **10**-*521,725* PC **A12**/MF **A01**

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PAT-APPL-6-708 517 **22**-*549,743* PC **A02**/MF **A01**

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AD-A156 048/1 **21**-*547,517* PC **A02**/MF **A01**

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PB85-195758 **18**-*540,247* Not available NTIS

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PB85-201101 **18**-*540,091* PC **A07**/MF **A01**

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PB85-234870 **23**-*552,294* PC **A11**/MF **A01**

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AD-A154 586/2 **18**-*540,187* . PC **A02**/MF **A01**

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AD-A148 195/1 **05**-*511,125* PC **A02**/MF **A01**

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AD-A157 675/0 **24**-*554,976* PC **A02**/MF **A01**

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PAT-APPL-6-743 570 **22**-*549,744* PC **A03**/MF **A01**

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AD-A156 880/7 **22**-*549,715* PC **A02**/MF **A01**

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DE85009572 **17**-*537,579* PC **A03**/MF **A01**

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AD-A146 799/2 **02**-*503,429* PC **A02**/MF **A01**

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AD-A146 808/1 **02**-*503,453* PC **A03**/MF **A01**

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AD-A148 202/5 **05**-*511,133* PC **A02**/MF **A01**

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AD-A148 848/5 **07**-*514,661* PC **A02**/MF **A01**

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AD-A157 079/5 **23**-*552,364* PC **A02**/MF **A01**

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AD-P004 508/8 **14**-*531,398* PC **A02**/MF **A01**

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DE85900140 **06**-*513,155* PC **A03**/MF **A01**

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N85-14102/6 **08**-*516,144* PC **A08**/MF **A01**

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AD-A152 098/0 **13**-*528,813* Not available NTIS

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AD-P004 406/5 **12**-*526,559* PC **A02**/MF **A01**

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AD-A152 097/2 **13**-*528,812* PC **A02**/MF **A01**

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AD-A155 566/3 **19**-*542,546* PC **A02**/MF **A01**

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AD-A148 045/8 **04**-*508,496* PC **A03**/MF **A01**

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PB85-857365 11-*523,758* PC **N01**/MF **N01**

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PATENT-4 509 522 24-*555,131* Not available NTIS

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AD-A151 720/0 13-*528,663* PC **A02**/MF **A01**

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Quantitative Evaluation of Blood Loss during Excision and Grafting of Burn Wounds,
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DE85014137 22-*548,853* PC **A04**/MF **A01**

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PB85-191781 15-*533,333* PC **A02**/MF **A01**

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PATENT-4 471 646 02-*503,405* Not available NTIS

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PB85-121408 04-*508,619* PC **A04**/MF **A01**

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AD-A155 015/1 18-*540,165* PC **A02**/MF **A01**

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AD-A146 754/7 02-*503,284* PC **A03**/MF **A01**

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AD-A148 609/1 06-*513,043* PC **A02**/MF **A01**

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B. Endosymbionts of Insects.
AD-A147 074/9 02-*503,245* PC **A02**/MF **A01**

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AD-A155 566/3 19-*542,546* PC **A02**/MF **A01**

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PAT-APPL-6-732 335 22-*549,891* PC **A02**/MF **A01**

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DE85780169 13-*528,717* PC **A04**/MF **A01**

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DE84751923 05-*512,317* PC **A07**/MF **A01**

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DE85701086 25-*559,086* PC **A08**/MF **A01**

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DE85701087 25-*559,087* PC **A09**/MF **A01**

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N85-15763/4 10-*522,481* PC **A04**/MF **A01**

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N85-27835/6 20-*545,968* PC **A03**/MF **A01**

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PB85-142222 05-*512,026* Not available NTIS

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AD-A146 141/7 **01**-*500,628* PC **A03**/MF **A01**

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PB85-170876 13-*529,569* PC **E03**/MF **E03**

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N85-27592/3 19-*543,275* PC **A02**/MF **A01**

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DE84703367 10-*522,651* PC **A03**/MF **A01**

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PB85-205771 19-*542,833* Not available NTIS

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AD-A147 969/0 04-*508,745* PC **A03**/MF **A01**

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DE85012324 20-*546,248* PC **A02**/MF **A01**

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AD-A148 972/3 07-*515,145* PC **A04**/MF **A01**

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AD-A149 222/2 08-*516,929* PC **A03**/MF **A01**

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Super Hydrides.
AD-A153 499/9 16-*535,814* PC **A02**/MF **A01**

BOROHYDRIDE/TRIISOPROPOXY- (POTASSIUM-SALT)

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AD-A156 060/6 21-*547,748* PC **A02**/MF **A01**

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DE85001242 04-*508,802* PC **A02**/MF **A01**

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PAT-APPL-6-700 246 17-*538,203* PC **A02**/MF **A01**

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PAT-APPL-6-715 215 14-*531,514* PC **A02**/MF **A01**

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N85-32149/5 **24**-*555,723* PC **A02**/MF **A01**

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DE85700062 **09**-*520,750* PC **A03**/MF **A01**

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DE84703096 **08**-*518,082* PC **A02**/MF **A01**

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BOUNDARY LAYER PLASMAS

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BOUNDARY LAYER SEPARATION

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PB85-170595 **13**-*529,205* Not available NTIS

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PB85-189496 **15**-*534,111* Not available NTIS

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PB85-203271 **18**-*540,957* PC **E04**/MF **E01**

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PB85-209112 **19**-*543,284* PC **E04**/MF **E01**

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PB85-153583 **10**-*521,030* Not available NTIS

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PB85-152791 **09**-*519,780* PC **A12**/MF **A01**

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N85-12850/2 **06**-*512,745* PC **A04**/MF **A01**

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AD-A158 428/3 **25**-*558,783* PC **A02**/MF **A01**

BOXES (CONTAINERS)

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N85-14077/0 **08**-*517,771* PC **A05**/MF **A01**

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PAT-APPL-6-729 766 **22**-*550,845* PC **A02**/MF **A01**

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DE85770282 **20**-*544,990* PC **A09**/MF **A01**

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Searches for Double beta exp + , beta exp + /EC and Double Electron-Capture Decays.
DE85007826 13-*530,452* PC **A02**/MF **A01**

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DE85751241 24-*556,869* PC **A03**/MF **A01**

CADMIUM 106 TARGET

Differential Neutron Scattering Cross Sections and Average Neutron Parameters of Cadmium Isotopes.
DE85701849 26-*561,834* PC **A02**/MF **A01**

CADMIUM 108

Decays of Sup(108M+ G)In and Sup(106M+ G)In.
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CADMIUM 108 TARGET

Differential Neutron Scattering Cross Sections and Average Neutron Parameters of Cadmium Isotopes.
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CADMIUM 109

Radionuclide Complexation in Xylem Exudates of Plants.
DE85013446 22-*549,847* PC **A02**/MF **A01**

CADMIUM 110

Ritz Combination Principle and Reinvestigation of the /Sup 110M/Ag Decay Scheme.
DE85900671 14-*532,661* PC **A03**/MF **A01**

CADMIUM 110 TARGET

Differential Neutron Scattering Cross Sections and Average Neutron Parameters of Cadmium Isotopes.
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CADMIUM 111

Excitation of Nuclei at Positron Annihilation.
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CADMIUM 118

Intruder States in the Cadmium Isotopes and a Simple Schematic Calculation.
DE85001353 04-*510,292* PC **A02**/MF **A01**

CADMIUM 120

Intruder States in the Cadmium Isotopes and a Simple Schematic Calculation.
DE85001353 04-*510,292* PC **A02**/MF **A01**

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Injection Locking and Saturation Intensity of a Cadmium Iodide Laser.
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DE84703233 20-*546,632* PC **A03**/MF **A01**

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Laser Diodes for Infrared Spectroscopy.
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CADMIUM MANGANESE SELENIDES

Photoluminescent and Electroluminescent Properties of Cd sub 0.95 Mn sub 0.05 Se Electrodes.
AD-A146 775/2 02-*505,084* PC **A02**/MF **A01**

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Effect of an Underlayer of Cadmium Telluride on the Reflection-Reducing Properties of Zinc Sulfide on Mercury Cadmium Telluride.
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AD-A146 343/9 01-*502,618* PC **A05**/MF **A01**

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AD-A158 267/5 24-*556,594* PC **A05**/MF **A01**

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DE85700289 17-*539,479* PC **A02**/MF **A01**

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CADMIUM OXIDES

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DE85750649 17-539,484 PC A10/MF A01

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PB85-244762 24-555,074 PC A06/MF A01

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PB85-100998 01-500,554 PC A04/MF A01

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Collective Flow Observed in Relativistic Nuclear Collisions.
DE84751787 03-507,589 PC A02/MF A01

Dynamical Aspects of Intermediate Energy Nucleus-Nucleus Collisions.
DE84751825 03-507,597 PC A03/MF A01

Compression and Expansion at the Bevalac.
DE85000683 06-514,149 PC A02/MF A01

Looking for Anomalons with a Segmented Cerenkov Detector.
DE85004608 11-525,450 PC A02/MF A01

Cluster Production and Entropy.
DE85007626 13-530,439 PC A02/MF A01

Two Particle Correlations from Relativistic Nuclear Collisions.
DE85008443 14-532,655 PC A02/MF A01

Mean-Field Dynamics Versus Two-Body Collisions at Intermediate Energy Heavy-Ion Reactions.
DE85750270 15-534,888 PC A03/MF A01

Interplay Between One-Body and Two-Body Dynamics in the Subthreshold Pion Production at Intermediate Energies.
DE85751536 20-546,803 PC A02/MF A01

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DE84016799 02-504,976 PC A02/MF A01

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DE84702321 03-507,524 PC A03/MF A01

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DE84703389 09-520,399 PC A03/MF A01

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Co-Operative Mechanism of Subthreshold Pion Production.
DE84752130 **09**-*520,437* PC **A03**/MF **A01**

Equilibration, Compression and Flow at the Bevalac.
DE85000636 **06**-*514,111* PC **A02**/MF **A01**

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DE85000683 **06**-*514,149* PC **A02**/MF **A01**

Momentum Space Approach to Microscopic Effects in Elastic Proton Scattering.
DE85001613 **04**-*510,295* PC **A04**/MF **A01**

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DE85008505 **15**-*534,863* PC **A03**/MF **A01**

Isovector Resonances in Pion Charge Exchange.
DE85012746 **22**-*551,547* PC **A02**/MF **A01**

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DE85014729 **24**-*556,840* PC **A04**/MF **A01**

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DE85015013 **24**-*556,846* PC **A08**/MF **A01**

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DE85700086 **09**-*520,522* PC **A02**/MF **A01**

Description of (sup 7 Li, sup 7 Be) Charge-Exchange Reactions within the Framework of Microscopic DWBA.
DE85701020 **22**-*551,589* PC **A02**/MF **A01**

Mean-Field Dynamics Versus Two-Body Collisions at Intermediate Energy Heavy-Ion Reactions.
DE85750270 **15**-*534,888* PC **A03**/MF **A01**

Quasielastic Electron Scattering: Effect of Relativistic Nuclear Potentials.
DE85750546 **15**-*534,924* PC **A02**/MF **A01**

Separation of the Nuclear and Coulomb Rainbow Components from the Elastic Scattering Data.
DE85751087 **19**-*544,201* PC **A02**/MF **A01**

Elastic Scattering of Polarized Deuteron at Intermediate Energies.
DE85751305 **20**-*546,771* PC **A02**/MF **A01**

Interplay Between One-Body and Two-Body Dynamics in the Subthreshold Pion Production at Intermediate Energies.
DE85751536 **20**-*546,803* PC **A02**/MF **A01**

Deep Inelastic Electronuclear Research at the 700 MeV Saclay Linac (ALS).
DE85751567 **20**-*546,807* PC **A02**/MF **A01**

Study of One-Nucleon Transfer Reactions with Polarized Deuterons of 20 MeV.
DE85780307 **15**-*534,970* PC **A07**/MF **A01**

Development and Construction of Large-Area Ionization Chambers for the Study of Multiparticle Production in Heavy Ion Reactions.
DE85780315 **16**-*536,838* PC **A06**/MF **A01**

Study of the Anti-p-Nucleus Interaction.
DE85780699 **15**-*535,004* PC **A02**/MF **A01**

CALCIUM 44

Mound Activities in Chemical and Physical Research: July-December 1984.
DE85014402 **22**-*550,011* PC **A03**/MF **A01**

CALCIUM 44 TARGET

Study of the Fusion-Evaporation Reactions for the Compound Nuclei sup 58 Ni, sup 60 Ni, sup 62 Ni Formed by Symmetrical and Asymmetrical Channels from Energies Below the Coulomb Barrier.
DE84751393 **02**-*505,016* PC **A07**/MF **A01**

Fusion Excitation Functions at Near- and sub-Coulomb Barrier for Symmetric and Asymmetric Medium-Mass Systems.
DE85751333 **20**-*546,784* PC **A02**/MF **A01**

CALCIUM 45

Intestinal Absorption of Calcium and Magnesium in Rats.
DE84700215 **03**-*505,667* PC **A07**/MF **A01**

Radiochemical Purity Determination of Some Inorganic Ions by Thin Layer-Scanning-Radiochromatography I. exp 45 Ca-Calcium Chloride.
DE84702895 **09**-*518,946* PC **A02**/MF **A01**

Influence of Extra-Cellular and Intra-Cellular Acting Thiol Oxidants on the sup 45 Calcium Uptake by the Islets of Langerhans of the Rat.
DE85780576 **15**-*533,443* PC **A07**/MF **A01**

CALCIUM 48 REACTIONS

New Developments in the Application of Gas-Jet and on-Line Chemistry Techniques to Heavy Ion Reactions with Exotic Targets.
DE84752097 **09**-*520,257* PC **A02**/MF **A01**

Particle Exchange as the Dissipative Mechanism in Nucleus-Nucleus Collisions.
DE84752292 **20**-*546,636* PC **A02**/MF **A01**

CALCIUM 48 TARGET

Scattering of Positive Kaons by Nuclei.
DE81700465 **20**-*546,626* MF **A01**

D/sub 5/2/-Single Particle Strength in sup 48 Ca + n.
DE84017591 **03**-*507,411* PC **A02**/MF **A01**

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DE85001759 **04**-*510,299* PC **A02**/MF **A01**

Nuclear Structure Studies Via Neutron Interactions. Progress Report, July 1, 1984-June 30, 1985.
DE85008366 **14**-*532,654* PC **A02**/MF **A01**

Spin Excitations in sup 48 Ca and sup 90 Zr with 319 MeV Protons.
DE85015364 **24**-*556,853* PC **A10**/MF **A01**

Quasi Fission - the Mass Drift Mode in Heavy Ion Reactions.
DE85750514 **15**-*534,904* PC **A04**/MF **A01**

Deep Inelastic Electronuclear Research at the 700 MeV Saclay Linac (ALS).
DE85751567 **20**-*546,807* PC **A02**/MF **A01**

Study of One-Nucleon Transfer Reactions with Polarized Deuterons of 20 MeV.
DE85780307 **15**-*534,970* PC **A07**/MF **A01**

CALCIUM CARBONATE

Fate and Effects of Pentachlorophenol in Hard- and Soft-Water Microcosms.
PB85-160430 **10**-*521,441* PC **A02**/MF **A01**

CALCIUM CARBONATES

High-Pressure Release-Wave Measurements and Phase Transformation in CaCO sub 3.
DE85012592 **22**-*550,088* PC **A02**/MF **A01**

Dynamic Response of Porous Calcium Carbonate Minerals.
DE85014465 **24**-*555,378* PC **A02**/MF **A01**

Shock-Induced CO2 Loss from CaCO3: Implications for Early Planetary Atmospheres.
N85-14777/5 **06**-*515,819* PC **A03**/MF **A01**

Effects of Magnesium and Chloride Ions on Limestone Dual Alkali System Performance,
PB85-238483 **25**-*558,657* PC **A02**/MF **A01**

CALCIUM CHLORIDES

Binary Phase Diagram Determinations.
DE85010856 **18**-*541,553* PC **A02**/MF **A01**

Study of the Phase Diagram of the Calcium Chloride/Calcium System by DTA.
DE85014885 **26**-*560,467* PC **A02**/MF **A01**

Modification of Thermal Sensitivity of Chinese Hamster Cells by Exposure to Solutions of Monovalent and Divalent Cationic Salts.
DE85701959 **26**-*560,414* PC **A02**/MF **A01**

Centralized Supply of Calcium Chloride Paste.
DE85770176 **12**-*526,834* PC **A02**/MF **A01**

CALCIUM COMPOUNDS

CVD Boron on Calcium Chromate Powder.
DE85000214 **04**-*510,147* PC **A03**/MF **A01**

Comparative Evaluation of the Effects of Acid Precipitation, Natural Acid Production, and Harvesting on Cation Removal from Forests.
DE85005254 **12**-*527,259* PC **A02**/MF **A01**

Identification of Lignosulfonic Acid and Humic Acid by Pyrolysis, Gas Chromatography and Mass Spectrometry (Py-GC-MS).
DE85005552 **11**-*524,015* PC **A02**/MF **A01**

Elemental Composition of Airborne Particulates in Uranium Mining and Milling Operations.
DE85006907 **13**-*529,085* PC **A02**/MF **A01**

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DE85012541 **20**-*545,457* PC **A02**/MF **A01**

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Theoretical and Experimental Stopping Powers for Heavy Charged Particles in TL Phosphors.
DE84703004 **04**-*510,005* PC **A02**/MF **A01**

Energy Transfer and Non-Linear Optical Properties at Near Ultraviolet Wavelengths: Rare Earth 4F-> 5D Transitions in Crystals and Glasses. Progress Report, June 1, 1984-May 31, 1985.
DE85007891 **13**-*530,348* PC **A02**/MF **A01**

CaF sub 2 :Mn Thermoluminescence: A Single Glow Peak Not Described by 1st or 2nd Order Kinetics.
DE85009828 **17**-*538,894* PC **A02**/MF **A01**

Growth of Purified Calcium Fluoride and Magnesium Fluoride and Degradation of Optical Properties by Defects.
DE85011263 **19**-*544,290* PC **A06**/MF **A01**

Study of Possible Solarization - Related Impurities in CaF sub 2 and Other Fluorides.
DE85014100 **24**-*556,674* PC **A02**/MF **A01**

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Thermal Reactions of Aromatics with CaO. Technical Progress Report, September 1, 1982-March 31, 1983.
DE85008530 **14**-*531,492* PC **A02**/MF **A01**

CALCIUM HYPOCHLORITE

Effects of Temperature on Decontamination of Trichothecene (T-2) Mycotoxin Using Hypochlorite and Decontaminating Agents D-S2 and STB (Supertropical Bleach).
AD-A157 707/1 **24**-*556,174* PC **A02**/MF **A01**

CALCIUM IODIDES

Physical Chemistry of Portland-Cement Hydrate, Radioactive-Waste Hosts. Progress Report, June 15, 1984-January 15, 1985.
DE85006791 **15**-*534,580* PC **A04**/MF **A01**

CALCIUM IONS

Performance of the LBL ECR Ion Source.
DE85003471 **09**-*520,275* PC **A02**/MF **A01**

New Evidence for Resonant-Transfer-and-Excitation for sub 16 S, sub 20 Ca, and sub 23 V Ions Colliding with Helium.
DE85005122 **13**-*530,386* PC **A02**/MF **A01**

Resonant-Transfer-and-Excitation for Highly Charged Ions (16 Less Than or Equal to Z Less Than or Equal to 23) in Collisions with Helium.
DE85010550 **18**-*541,755* PC **A02**/MF **A01**

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DE85011056 **18**-*541,764* PC **A03**/MF **A01**

Production of Ca exp - Through Sequential Charge Exchange with Li Vapor.
DE85013636 **22**-*551,460* PC **A02**/MF **A01**

Correlated Charge Changing Ion-Atom Collisions. Progress Report, March 15, 1984-March 15, 1985.
DE85017062 **26**-*561,807* PC **A02**/MF **A01**

Effects of ELF (Extremely Low Frequency) (1-120 Hz) and Modulated (50 Hz) RF (Radio Frequency) Fields on the Efflux of Calcium Ions from Brain Tissue In vitro.
PB85-219681 **21**-*547,722* PC **A02**/MF **A01**

CALCIUM ISOTOPES

Laser Induced Fluorescence Spectroscopy in Atomic Beams of Radioactive Nuclides.
DE83750201 **09**-*520,305* PC **A03**/MF **A01**

Mound Activities in Chemical and Physical Research: January-June 1984.
DE85002552 **07**-*515,340* PC **A03**/MF **A01**

Mound Activities in Chemical and Physical Research: July-December 1984.
DE85014402 **22**-*550,011* PC **A03**/MF **A01**

CALCIUM LANTHANUM SULFIDES

EPR (Electron Paramagnetic Resonance) Studies of Infrared-Transmitting Sulfide Ceramics,
PB85-206654
19-*544,071*
(Order as PB85-206324, PC **A13**/MF **A01**)

CALCIUM LEAD CELLS

Test Series 2: Seismic-Fragility Tests of Naturally-Aged Class 1E Exide FHC-19 Battery Cells,
NUREG/CR-4095 **20**-*545,449* PC **A08**/MF **A01**

Test Series 3: Seismic-Fragility Tests of Naturally-Aged Class 1E C and D LCU-13 Battery Cells,
NUREG/CR-4096 **20**-*545,450* PC **A08**/MF **A01**

CALCIUM METABOLISM

Alterations in Gut Transport of Minerals and in Binding Proteins During Simulated Weightlessness.
N85-24709/6 **17**-*537,581* PC **A02**/MF **A01**

Role of 1,25-Dihydroxyvitamin D in the Inhibition of Bone Formation Induced by Skeletal Unloading.
N85-29522/8 **21**-*547,707* PC **A02**/MF **A01**

Space-Flight Simulations of Calcium Metabolism Using a Mathematical Model of Calcium Regulation.
N85-30621/5 **22**-*549,915* PC **A03**/MF **A01**

CALCIUM METHOXIDES

Laser Spectroscopy and Chemiluminescence from the Monomethoxides of Calcium, Strontium, and Barium.
PB85-205938 **19**-*542,841* Not available NTIS

CALCIUM NITRATES

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DE85014402 **22**-*550,011* PC **A03**/MF **A01**

CALCIUM OXIDES

Catastrophic Versus Microscopic Damage: Applicability of Laboratory Measurements to Real Systems.
DE84013896 **03**-*507,326* PC **A02**/MF **A01**

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DE84015006 **01**-*501,173* PC **A03**/MF **A01**

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DE84015471 **01**-*501,049* PC **A03**/MF **A01**

Combustion of Calcium-Exchanged Coal. Third Quarterly Report.
DE84016294 **03**-*507,776* PC **A02**/MF **A01**

Activation of Several Oxides.
DE85001422 **05**-*512,209* PC **A02**/MF **A01**

Sub-Eutectic Densification and Second Phase Formation in Al sub 2 O sub 3 - CaO.
DE85002065 **05**-*511,651* PC **A02**/MF **A01**

Physical Chemistry of Portland-Cement Hydrate, Radioactive-Waste Hosts. Progress Report, June 15, 1984-January 15, 1985.
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Thermal Reactions of Aromatics with CaO. Technical Progress Report, September 1, 1982-March 31, 1983.
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DE85015212 **25**-*559,843* PC **A03**/MF **A01**

Lime and Limestone Market for Sulfur Removal: Potential for 1992.
PB85-210037 **19**-*542,415* PC **A02**/MF **A01**

Selenium Removal Using the Conventional Coagulation or Lime-Soda Ash Softening Process,
PB85-219749 **20**-*545,826* PC **A02**/MF **A01**

Shawnee Flue Gas Desulfurization Computer Model Users Manual.
PB85-243111 **22**-*549,566* PC **A12**/MF **A01**

CALCIUM PHOSPHATES

Management of Hard Tissue Avulsive Wounds and Management of Orofacial Fractures. Annual Report August 15, 1978 - August 16, 1979,
AD-A157 995/2 **24**-*555,017* PC **A03**/MF **A01**

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PB85-143576 **05**-*511,344* Not available NTIS

Planar Ca-PO4 Sheet-Type Structures: Calcium Bromide Dihydrogenphosphate Tetrahydrate, CaBr(H2PO4)-4H2O, and Calcium Iodide Dihydrogenphosphate Tetrahydrate, CaI(H2PO4)-4H2O.
PB85-183267 **15**-*533,599* Not available NTIS

Hydrolysis of Dicalcium Phosphate Dihydrate in the Presence or Absence of Calcium Fluoride.
PB85-201788 **16**-*535,693* Not available NTIS

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PB85-196210 **17**-*537,716* Not available NTIS

CALCIUM SULFATES

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DE84016294 **03**-*507,776* PC **A02**/MF **A01**

Theoretical and Experimental Stopping Powers for Heavy Charged Particles in TL Phosphors.
DE84703004 **04**-*510,005* PC **A02**/MF **A01**

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DE85004213 **11**-*524,624* PC **A04**/MF **A01**

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DE85013797 **23**-*554,427* PC **A02**/MF **A01**

Preparation, Testing and Dosimetric Applications of CaSO sub 4 Rare Earth Phosphors.
DE85781082 **25**-*559,817* PC **A02**/MF **A01**

Spectrographic Determination of Dysprosium in Doped Crystals of Calcium Sulfate Used for Dosimetric Material.
DE85781552 **25**-*558,007* PC **A02**/MF **A01**

CALCIUM SULFIDES

Surface Area of Calcium Oxide and Kinetics of Calcium Sulfide Formation.
PB85-116085 **03**-*505,903* Not available NTIS

CALCIUM THIONYL CHLORIDE CELLS

Calcium/Thionyl Chloride Battery Technology.
AD-A151 975/0 **13**-*529,409* PC **A04**/MF **A01**

Cathode for Use in High Energy Primary Thionyl Chloride Cell Systems and High Energy Primary Thionyl Chloride Cell Systems Including the Cathode.
PAT-APPL-6-768 271 **26**-*560,876* PC **A02**/MF **A01**

CALCIUM TUNGSTATES

Measurement of the X-Ray Induced Light Photons Emitted from Radiographic CaWO4 Intensifying Screens.
PB85-195931 **17**-*537,508* Not available NTIS

ALCIUM ZIRCONATES

Electron Optical and Microchemical Examination of the ZrO sub 2 -CaZrO sub 3 Eutectic.
DE85012792 **22**-*550,377* PC **A02**/MF **A01**

LCRETE

ocation, Selection and Use of Calcrete for Bituminous Road Construction in Botswana.
85-185981 **15**-*534,229* PC **E05**/MF **E05**

LCULATORS

icrocomputers and Programmable Calculators for Agricultural Research in Developing Countries.
85-191310 **16**-*535,331* PC **A07**/MF **A01**

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paratus for Disintegrating Kidney Stones.
TENT-4 474 180 **03**-*505,628* Not available NTIS

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dified Residue Calculus Technique for Microstrip Step Discontinuities.
-A157 806/1 **24**-*555,584* PC **A02**/MF **A01**

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P004 687/0 **19**-*544,254* PC **A02**/MF **A01**

Application of Screw Calculus to the Evaluation of Manipulator Workspace,
AD-P004 947/8 **24**-*556,075* PC **A02**/MF **A01**

CALCULUS OF VARIATIONS

Second Variations for the Stress Wave Problem Using the Euler-Lagrange and Adjoint Formulations.
AD-A149 716/3 **09**-*520,678* PC **A03**/MF **A01**

Few Necessary Considerations for the Use of the Finite Element Methods by Non-Specialists.
N84-35005/7 **02**-*504,130* PC **A03**/MF **A01**

Schubert Varieties Are Arithmetically Cohen-Macaulay.
N85-27592/3 **19**-*543,275* PC **A02**/MF **A01**

Generalized Formulation of a Class of Explicit and Implicit TVD Schemes.
N85-32830/0 **24**-*555,871* PC **A02**/MF **A01**

CALDERAS

The Evolution of Craters and Calderas on Young Seamounts: Insights from Sea MARC I and Sea Beam Sonar Surveys of a Small Seamount Group Near the Axis of the East Pacific Rise at Approximately 10 N.
AD-A150 566/4 **10**-*521,829* PC **A02**/MF **A01**

History and Results of VC-1, the First CSDP Corehole in Valles Caldera, New Mexico.
DE85009640 **23**-*552,909* PC **A02**/MF **A01**

Workshop on Recent Research in the Valles Caldera.
DE85010569 **20**-*545,072* PC **A04**/MF **A01**

CALENDARS

Calendar Form for Comprehensive Microfilm Index: National Park Service, Spanish Archives Project.
PB85-230514 **23**-*552,134* PC **A06**/MF **A01**

CALIBRATING

Calibration of Hall Probes.
N85-10794/4 **03**-*506,808* PC **A02**/MF **A01**

Photon and Electron Dosimetry at the Physikalische-Technische Bundesanstalt in Brunswick.
N85-10814/0 **03**-*506,988* PC **A03**/MF **A01**

Alcune Considerazioni Sul Sistema di Calibrazione Capacitivo, Utilizzato Per l'Antenna Criogenica di 2,3 Ton al Cern (Some Considerations on the Capacitive Calibration Used for the 2.3 Ton Cryogenic Antenna at Cern).
N85-11284/5 **04**-*510,351* PC **A02**/MF **A01**

Spezielle Entwicklungen und Verfahren der Hochfrequenzmesstechnik (Special Developments and Methods in High Frequency Measuring Techniques).
N85-14030/9 **08**-*516,662* PC **A11**/MF **A01**

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N85-14199/2 **08**-*516,628* PC **A02**/MF **A01**

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N85-16143/8 **10**-*522,488* PC **A04**/MF **A01**

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N85-16270/9 **10**-*522,498* PC **A11**/MF **A01**

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N85-16294/9 **10**-*522,055* PC **A02**/MF **A01**

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N85-23068/8 **15**-*535,301* PC **A03**/MF **A01**

Detection and Location of Partial Discharges in Transformer Windings Using Electrical Methods.
N85-25750/9 **18**-*540,559* PC **A02**/MF **A01**

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N85-26583/3 **18**-*541,497* PC **A02**/MF **A01**

Qualification de la Balance de Paroi du Chariot 1 de Sima, Adaptee pour les Essais de 1/2 Maquettes Motorisees Par Turbines a Air Comprime (Tps) (Qualification of a Wall Gage for the Sima Wagon, Adapted to the Test of Half Models Motorized by Compressed Air Turbines).
N85-26677/3 **19**-*543,683* PC **A03**/MF **A01**

Calibration Methods in Millimeter-Wave Radioastronomy.
N85-27776/8 **19**-*542,205* PC **A02**/MF **A01**

Transonic Mach Number Determination in a Blow-down Wind Tunnel with Solid Walls and a Downstream Throat.
N85-27835/6 **20**-*545,968* PC **A03**/MF **A01**

Simulation of Gyrocompassing Alignment and Calibration of Strapdown Inertial Navigation System in a Swaying Vehicle.
N85-27850/5 **20**-*546,038* PC **A06**/MF **A01**

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PB85-222966 **20**-*545,832* PC **A08**/MF **A01**

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N85-17927/3 **11**-*523,471* PC **A06**/MF **A01**

Chronology of KSC and KSC Related Events for 1983.
N85-22339/4 **14**-*531,099* PC **A06**/MF **A01**

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PB85-151900
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N85-30138/0 **22**-*550,395* PC **A03**/MF **A01**

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AT-APPL-6-659 475 **13**-*529,448* PC **A02**/MF **A01**

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PAT-APPL-6-668 433 **13**-*528,919* PC **A02**/MF **A01**

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PB85-196954 **17**-*537,518* Not available NTIS

Optical Properties of Diamondlike Carbon Films on Semiconductors,
PB85-206530 **19**-*544,060*
(Order as PB85-206324, PC **A13**/MF **A01**)

Investigation of a Method to Determine Organic Carbon Concentrations in Marine Sediments,
PB85-223758 **21**-*547,846* PC **E04**/MF **E01**

Evaluation of Parameters Affecting Activated Carbon Adsorption of a Solvent-Laden Air Stream,
PB85-235992 **25**-*558,651* PC **A02**/MF **A01**

Changes in the Species and Concentration of Carbon, Nitrogen and Sulfur Compounds during the BOD (Biochemical Oxygen Demand) Test and Their Effect on Oxygen Uptake.
PB85-246791 **26**-*561,104* PC **A03**/MF **A01**

CARBON 11

Investigations on the Production of Labelled Organic Compounds by Recoil Labelling with gamma,N-Produced 11-C-Atoms.
DE84780570 **09**-*518,890* PC **A05**/MF **A01**

Hot Atom Reactions Involving Multivalent and Univalent Species. Final Report.
DE85008639 **15**-*533,560* MF **A01**

CARBON 12

Intermediate Energy Spin Physics. Appendix 6.
DE84016624 **02**-*504,973* PC **A03**/MF **A01**

Studies of P-Shell Nuclei by Large Momentum Transfer Electron Scattering.
DE84016803 **02**-*504,977* PC **A02**/MF **A01**

Analysis of Particle Scattering on Nuclei with Vibrational Level Excitation.
DE84702306 **03**-*507,510* PC **A02**/MF **A01**

Calculation of Reduced Partition Function Ratios of Isotopically Substituted Molecules on a Quantum Chemical Base. Possibilities and Limitations of the Evaluation of Isotope Effects by Means of the Semiempirical MINDO/3- and MNDO-MO Methods.
DE84702325 **02**-*503,575* PC **A09**/MF **A01**

Channel Coupling and Distortion Effects in the Excitation of the 0 sub 2+ State in sup 12 C by alpha Scattering.
DE84702554 **01**-*502,517* PC **A02**/MF **A01**

Density Approximation of Ground and Excited States of Light Nuclei.
DE84702848 **08**-*517,905* PC **A02**/MF **A01**

Matter Radius of sup 12 C and sup 16 O.
DE84702853 **08**-*517,910* PC **A02**/MF **A01**

Spin Dependence of the lambda-Nucleus Interaction Determined by Observation of Hypernuclear gamma Rays. Final Progress Report, January 1, 1977-December 31, 1984.
DE85011878 **18**-*541,767* PC **A03**/MF **A01**

Electron and Pion Interactions with Nuclei. Progress Report, August 1, 1984-August 1, 1985.
DE85016842 **26**-*561,802* PC **A03**/MF **A01**

Spectroscopy of sigma -Hypernuclei.
DE85780655 **15**-*534,994* PC **A04**/MF **A01**

Improved Flexibility in MODR (Microwave-Optical Double Resonance) Using a Supersonic Jet Source: Applications to CO+ and CN.
PB85-124063 **04**-*508,857* Not available NTIS

CARBON 12 REACTIONS

Spin Effects in Charge-Exchange Reactions with Relativistic Ions.
DE84702097 **03**-*507,440* PC **A02**/MF **A01**

Cascade Mechanism of Inelastic Interactions of High-Energy Nuclei.
DE84702298 **03**-*507,502* PC **A02**/MF **A01**

Study of lambda -Production in Central Nucleus-Nucleus Interactions at the Momentum of 4.6 GeV/C Per Incident Nucleon.
DE84702310 **03**-*507,514* PC **A02**/MF **A01**

Search for Instable Superdense Nuclei.
DE84702454 **01**-*502,505* PC **A02**/MF **A01**

Experimental Set-Up for Direct Measurements of Heavy Ion Reaction Cross Sections.
DE84752006 **09**-*520,427* PC **A02**/MF **A01**

Co-Operative Mechanism of Subthreshold Pion Production.
DE84752130 **09**-*520,437* PC **A03**/MF **A01**

Contribution to the Study of sup 193 Au, sup 194 Hg and sup 198 Hg Compound Nuclei.
DE84780428 **01**-*502,526* PC **A04**/MF **A01**

Observation of Rainbow Scattering in the sup 12 C + sup 12 C System at E(cm) = 508 MeV.
DE84780436 **01**-*502,532* PC **A02**/MF **A01**

Nuclear Molecules in TDHF.
DE85001124 **04**-*510,285* PC **A02**/MF **A01**

Chaos Near the Coulomb Barrier. Nuclear Molecules.
DE85001280 **04**-*510,288* PC **A02**/MF **A01**

Nuclear Structure and Reactions Studied with the Darmstadt-Heidelberg Crystal Ball.
DE85002540 **06**-*514,175* PC **A02**/MF **A01**

Quasimolecular Single-Nucleon Effects in Heavy-Ion Collisions.
DE85002562 **06**-*514,176* PC **A02**/MF **A01**

Role of Giant Resonances in Heavy-Ion Radiative Capture.
DE85003603 **09**-*520,481* PC **A02**/MF **A01**

Spin Distributions in Heavy Ion Fusion at and Below the Coulomb Barrier.
DE85007817 **13**-*530,447* PC **A02**/MF **A01**

Spin Distribution of the Compound Nucleus in Heavy Ion Reactions at Near-Barrier Energies.
DE85007846 **14**-*532,642* PC **A03**/MF **A01**

Determination of the Total Reaction Cross Section for Heavy Ions at 15 MeV/Amu, 25 MeV/Amu, and 35 MeV/Amu.
DE85011445 **19**-*544,148* PC **A07**

Strong Coupled-Reaction-Channel Scheme with the Hybridization of the Valence Nucleon in the sup 12 C+ sup 13 C System.
DE85700143 **09**-*520,541* PC **A02**/MF **A01**

Forward Glory Effects in the Elastic Scattering of sup 12 C + sup 12 C.
DE85700568 **18**-*541,786* PC **A02**/MF **A01**

Coupled-Reaction-Channel Approach for Molecular Orbital Phenomena of Valence Nucleons in Heavy Ion Collisions. The sup 12 C + sup 13 C System.
DE85700869 **20**-*546,728* PC **A05**/MF **A01**

Analysis of Correlation Effects in Multinucleon CC Interactions at 4.2 GeV/C Per Nucleon in Terms of Collective Variables.
DE85701844 **26**-*561,829* PC **A02**/MF **A01**

Subthreshold Pion Production: Nucleon-Nucleon Single Collisions Vs. Co-Operative Mechanisms.
DE85750093 **11**-*525,500* PC **A03**/MF **A01**

Pionic Bremsstrahlung in Heavy-Ion Collisions.
DE85750094 **11**-*525,501* PC **A02**/MF **A01**

Fusion Excitation Functions at Near- and sub-Coulomb Barrier for Symmetric and Asymmetric Medium-Mass Systems.
DE85751333 **20**-*546,784* PC **A02**/MF **A01**

Subthreshold Pion Production in Nucleus-Nucleus Collisions: What Is the Mechanism.
DE85751889 **26**-*561,850* PC **A02**/MF **A01**

Cooperative Production of Neutral Pions and High-Energy Photons in Nucleus-Nucleus Collisions at 60-84 MeV/U.
DE85752135 **26**-*561,880* PC **A06**/MF **A01**

Model-Independent Determination of Resonance Parameters for Reactions Involving Only Zero Spin Particles.
DE85780129 **11**-*525,505* PC **A02**/MF **A01**

Study of the Continuum of sup 28 Si after Inelastic Excitation with sup 12 C Ions.
DE85780743 **16**-*536,843* PC **A04**/MF **A01**

1 GeV sup 12 C Heavy Ion Reaction. Study of Projectile Fragmentation and Composite Particle Formation.
DE85780898 **20**-*546,823* PC **A06**/MF **A01**

CARBON 12 TARGET

Elastic Scattering of 120, 145 and 172.5 MeV alpha -Particles by exp 12 C, exp 24 Mg and exp 27 Al and Optical Model Analysis.
DE81700463 **20**-*546,625* PC **A03**/MF **A01**

Contribution to the Study of the Elastic Scattering of the System exp 16 O+ exp 12 C.
DE82780023 **20**-*546,628* PC **A07**/MF **A01**

Experiments on the Nuclear Interactions of Pions. Progress Report.
DE84015611 **01**-*502,466* PC **A07**/MF **A01**

Fast Neutron Capture with a White Neutron Source.
DE84016799 **02**-*504,976* PC **A02**/MF **A01**

Studies of P-Shell Nuclei by Large Momentum Transfer Electron Scattering.
DE84016803 **02**-*504,977* PC **A02**/MF **A01**

Stochastic Method of Calculation of Nucleus-Nucleus Scattering Characteristics in the Eikonal Approach.
DE84702096 **03**-*507,441* PC **A02**/MF **A01**

Measurement of Total Hadronic Photoproduction Cross Section in sup 9 Be, sup 12 C, sup 16 O, sup 64 Cu Nuclei in the Photon Energy Range E= (0.25-2.7) GeV.
DE84702267 **03**-*507,482* PC **A02**/MF **A01**

Study of lambda Sup(+)Sub(C) Produced in nC Interactions at Approximately 58 GeV.
DE84702272 **03**-*507,486* PC **A02**/MF **A01**

Cumulative Production of the lambda Hyperons in the pi exp - C Interaction at 40 GeV/C.
DE84702274 **02**-*505,010* PC **A02**/MF **A01**

Study on the Hadron Jet Production in Cumulative pi exp - C Interactions at the Momentum of 40 GeV/C.
DE84702275 **02**-*505,011* PC **A02**/MF **A01**

Multiquark States in Deep-Inelastic Muon-Nucleus Scattering.
DE84702292 **03**-*507,496* PC **A02**/MF **A01**

Analysis of Particle Scattering on Nuclei with Vibrational Level Excitation.
DE84702306 **03**-*507,510* PC **A02**/MF **A01**

Effect of Coherent Energy Width at the Proton Capture by a sup 12 C Nucleus.
DE84702315 **03**-*507,519* PC **A02**/MF **A01**

Channel Coupling and Distortion Effects in the Excitation of the 0 sub 2+ State in sup 12 C by alpha Scattering.
DE84702554 **01**-*502,517* PC **A02**/MF **A01**

Analytic Distorted Wave Approximation for Kaon-Nucleus Interactions.
DE84702555 **01**-*502,518* PC **A02**/MF **A01**

Lambda -Hyperon and K exp 0 -Meson Production Cross Sections in the CC-Interactions at 4.2 GeV/C Momentum Per Nucleon.
DE84702648 **03**-*507,562* PC **A02**/MF **A01**

Analytical Folding Potentials and Heavy Ion Interaction.
DE84702860 **09**-*520,323* PC **A02**/MF **A01**

Small-Angle Correlations of Identical Particles in Carbon-Carbon Interactions at P= 4.2 GeV/C Per Nucleon.
DE84703385 **09**-*520,395* PC **A02**/MF **A01**

Experimental Investigation of Proton Pairs Direct Knock-out from Nuclei by 640 MeV Protons.
DE84703386 **09**-*520,396* PC **A02**/MF **A01**

Measurement of pi exp 0 Meson Photoproduction from sup 12 C Near Threshold.
DE84751394 **03**-*507,579* PC **A05**/MF **A01**

Experimental Set-Up for Direct Measurements of Heavy Ion Reaction Cross Sections.
DE84752006 **09**-*520,427* PC **A02**/MF **A01**

Fusion Cross Sections of the sup 12 C+ sup 16 O at E(sup 16 O) Up to 150 MeV.
DE84752025 **09**-*520,431* PC **A02**/MF **A01**

Co-Operative Mechanism of Subthreshold Pion Production.
DE84752130 **09**-*520,437* PC **A03**/MF **A01**

Study of the gamma - and Particle Decay of High Spin States in sup 27 Al.
DE84780259 **01**-*502,522* PC **A05**/MF **A01**

Evaluation of Neutron Nuclear Data for sup 12 C.
DE84900731 **20**-*546,640* PC A04/MF **A01**

Nuclear Molecules in TDHF.
DE85001124 **04**-*510,285* PC **A02**/MF **A01**

Chaos Near the Coulomb Barrier. Nuclear Molecules.
DE85001280 **04**-*510,288* PC **A02**/MF **A01**

Nuclear Structure and Reactions Studied with the Darmstadt-Heidelberg Crystal Ball.
DE85002540 **06**-*514,175* PC **A02**/MF **A01**

Role of Giant Resonances in Heavy-Ion Radiative Capture.
DE85003603 **09**-*520,481* PC **A02**/MF **A01**

Theoretical Study of Pion and Kaon Photoproduction in Nuclei. Final Technical Report.
DE85006073 **13**-*530,392* PC **A03**/MF **A01**

Nu/sub mu /C sup 12 Yields mu exp - X Cross Section and nu/sub mu / - nu/sub e/ Oscillation Using the Decay-in-Flight Source at Line-E of LAMPF.
DE85006711 **13**-*530,403* PC **A02**/MF **A01**

Fission Along the Mass Asymmetry Coordinate: An Experimental Evaluation of the Conditional Saddle Masses and of the Businaro-Gallone Point.
DE85007627 **14**-*532,627* PC **A02**/MF **A01**

Compound Nucleus Emission of Complex Fragments at Low and Intermediate Energies.
DE85007653 **14**-*532,629* PC **A02**/MF **A01**

Entrance Channel Dependence of Back Angle Yields: Orbiting in sup 24 Mg+ sup 16 O Reaction.
DE85007847 **13**-*530,457* PC **A02**/MF **A01**

Fusion Measurements in Light and Medium Mass Heavy-Ion Reactions. Progress Report, June 1, 1984-May 31, 1985.
DE85008248 **14**-*532,651* PC **A03**/MF **A01**

Determination of the Total Reaction Cross Section for Heavy Ions at 15 MeV/Amu, 25 MeV/Amu, and 35 MeV/Amu.
DE85011445 **19**-*544,148* PC **A07**

Unified Approach to Pion Absorption and Double-Charge-Exchange Reactions.
DE85012107 **22**-*551,526* PC **A02**/MF **A01**

Double Differential Neutron Emission Cross Sections of sup 10 B and sup 11 B at 6, 10 and 14 MeV and of sup 6 Li, sup 7 Li and sup 12 C at 14 MeV.
DE85012749 **24**-*556,789* PC **A02**/MF **A01**

Reaction Mechanism Studies of Heavy Ion Induced Nuclear Reactions. Annual Progress Report.
DE85014729 **24**-*556,840* PC **A04**/MF **A01**

Discrete Ambiguity in the Optical Potential at 400 MeV and Its Resolution by Spin-Rotation Data.
DE85700087 **09**-*520,523* PC **A02**/MF **A01**

Inelastic Cross Sections and pi exp - -Meson Production in Relativistic Nuclear Collisions Induced by p, D, sup 4 He and sup 12 C on sup 12 C and sup 181 Ta Target-Nuclei.
DE85700172 **10**-*523,016* PC **A02**/MF **A01**

Carbon Fragmentation Data from 37 and 40 MeV Proton Bombardment.
DE85700182 **09**-*520,558* PC **A02**/MF **A01**

Lambda sub(C)Sup(+) Baryon Production in Interactions of 40-70 GeV Neutrons with Carbon Nuclei.
DE85700543 **16**-*536,836* PC **A02**/MF **A01**

Forward Glory Effects in the Elastic Scattering of sup 12 C + sup 12 C.
DE85700568 **18**-*541,786* PC **A02**/MF **A01**

Off-Energy-Shell Effects in the Elastic Pion-Nucleus Scattering.
DE85700690 **20**-*546,700* PC **A02**/MF **A01**

Study on the Elementary Amplitudes in the sup 12 C(gamma , pi exp +) and sup 16 0(Gamma , pi exp +) Reactions.
DE85700691 **20**-*546,701* PC **A02**/MF **A01**

Hadron Jets in Cumulative Processes for pi exp - C Interactions at p= 40 GeV/C.
DE85701186 **20**-*546,739* PC **A02**/MF **A01**

Search of Narrow Properties in Effective Mass Spectra of Two and Three Protons Using the Technique of Two-Meter Propane Chamber.
DE85701187 **20**-*546,740* PC **A02**/MF **A01**

Analysis of Cumulative Proton Angular Distributions.
DE85701790 **25**-*559,588* PC **A02**/MF **A01**

Observation of Correlations Between Backward-Protons Yield and Relative Yield of pi exp + / pi exp - -Mesons in Nucleus-Nucleus Collisions at 4.2 GeV/C Momentum Per Nucleon.
DE85701792 **25**-*559,590* PC **A02**/MF **A01**

Analysis of Correlation Effects in Multinucleon CC Interactions at 4.2 GeV/C Per Nucleon in Terms of Collective Variables.
DE85701844 **26**-*561,829* PC **A02**/MF **A01**

Quasielastic Electron Scattering: Effect of Relativistic Nuclear Potentials.
DE85750546 **15**-*534,924* PC **A02**/MF **A01**

Direct Measurements of Heavy Ion Reaction Cross Sections.
DE85750663 **15**-*534,941* PC **A02**/MF **A01**

Semi-Classical Approaches for the Proton Emission in Intermediate Energy Heavy Ion Reactions.
DE85751019 **19**-*544,165* PC **A03**/MF **A01**

Pi Zero Hadronic Production with Large Transverse Momentum at 200 GeV/C.
DE85751082 **19**-*544,197* PC **A06**/MF **A01**

Role of Collision Terms for Nucleon Emission in Intermediate Energy Heavy Ion Reactions.
DE85751182 **25**-*559,613* PC **A03**/MF **A01**

Optical-Model Analysis for 800 MeV Polarized Proton Elastic Scattering from sup 12 C, sup 16 O, sup 18 O, sup 20 Ne and sup 24 Mg, sup 26 Mg.
DE85751236 **24**-*556,865* PC **A02**/MF **A01**

Elastic and Inelastic Scattering of Carbon Ions at Intermediate Energies.
DE85751237 **24**-*556,866* PC **A03**/MF **A01**

What Do We Learn from Angular Distributions around Zero Degree in Direct Heavy Ion Reactions.
DE85751244 **24**-*556,871* PC **A02**/MF **A01**

Inclusive (P, pi exp + -) Reactions at 201 and 180 MeV.
DE85751248 **24**-*556,874* PC **A02**/MF **A01**

Heavy Fragments Emission in the sup 84 Kr on sup 12 C Reaction at 35 MeV/Nucleon.
DE85751340 **20**-*546,790* PC **A02**/MF **A01**

Subthreshold Pion Production in Nucleus-Nucleus Collisions: What Is the Mechanism.
DE85751889 **26**-*561,850* PC **A02**/MF **A01**

Comparative Study of (sup 3 He, pi exp -) and (sup 3 He, pi exp +) Exclusive Reactions on sup 7 Li and sup 12 C.
DE85752037 **26**-*561,860* PC **A02**/MF **A01**

Model-Independent Determination of Resonance Parameters for Reactions Involving Only Zero Spin Particles.
DE85780129 **11**-*525,505* PC **A02**/MF **A01**

Sequential Emission of Fast Neutrons from the Reaction 7.5 - 9 MeV/U sup 16 O + sup 64 Ni in the Quasi-Elastic and Deep Inelastic Energy Range.
DE85780310 **15**-*534,973* PC **A04**/MF **A01**

Measurement of the Electroweak Charge Asymmetry of the Cross Section of the Deep Inelastic Scattering of Muons on Carbon at 200 GeV Beam Momentum.
DE85780324 **15**-*534,978* PC **A10**/MF **A01**

Spectroscopy of sigma -Hypernuclei.
DE85780655 **15**-*534,994* PC **A04**/MF **A01**

Sup 12 C+ sup 12 C Elastic Scattering at 30 MeV Per Nucleon.
DE85780693 **15**-*534,999* PC **A02**/MF **A01**

Low Energy Nucleus-Nucleus Elastic Scattering and the Optical Limit of Glauber-Theory.
DE85780694 **15**-*535,000* PC **A02**/MF **A01**

Optical Model Analysis of 0.8 GeV Polarized Proton Elastic Scattering from sup 12 C, sup 16 O, sup 18 O and sup 24 Mg, sup 26 Mg.
DE85780697 **15**-*535,003* PC **A02**/MF **A01**

Study of the Anti-p-Nucleus Interaction.
DE85780699 **15**-*535,004* PC **A02**/MF **A01**

Observation of a Dynamical Deformation and Information About the Density Levels in the Sequential Reaction sup 12 C(sup 28 Si, 2 Alphas) sup 32 S.
DE85780726 **15**-*535,011* PC **A06**/MF **A01**

1 GeV sup 12 C Heavy-Ion Reaction. Study of Projectile Fragmentation and Composite Particle Formation.
DE85780698 **20**-*546,823* PC **A06**/MF **A01**

CARBON 13

Stable Isotope Studies. Progress Report, March 1, 1984-February 28, 1985.
DE84016752 **02**-*503,553* PC **A07**/MF **A01**

Studies of P-Shell Nuclei by Large Momentum Transfer Electron Scattering.
DE84016803 **02**-*504,977* PC **A02**/MF **A01**

Calculation of Reduced Partition Function Ratios of Isotopically Substituted Molecules on a Quantum Chemical Base. Possibilities and Limitations of the Evaluation of Isotope Effects by Means of the Semiempirical MINDO/3- and MNDO-MO Methods.
DE84702325 **02**-*503,575* PC **A09**/MF **A01**

Non-Terrestrial Food Source for Fiordland Brachiopods. Carbon Isotope Evidence.
DE85701471 **24**-*554,956* PC **A02**/MF **A01**

Analysis of Form Factors of Electric Transitions in Light Nuclei with the Use of Electromagnetic Current Continuity Equation.
DE85701833 **26**-*561,818* PC **A02**/MF **A01**

Sequential Emission of Fast Neutrons from the Reaction 7.5 - 9 MeV/U sup 16 O + sup 64 Ni in the Quasi-Elastic and Deep Inelastic Energy Range.
DE85780310 **15**-*534,973* PC **A04**/MF **A01**

NMR And Molecular Dynamics of Small Solutes in Liquid Crystals.
DE85780644 **15**-*533,580* PC **A07**/MF **A01**

Detection of Antisymmetric Tensor Contribution to the Magnetic Screening of sup 13 C Nuclei.
DE85780823 **17**-*537,689* PC **A07**/MF **A01**

13C Nuclear Magnetic Resonance in Graphite Intercalation Compounds.
N85-16601/5 **10**-*521,739* PC **A02**/MF **A01**

Measurement of 13C Chemical Shifts in Solids.
PB85-129302 **05**-*511,270* Not available NTIS

Influence of Molecular Packing on Solid-State 13C Chemical Shifts: The n-Alkanes.
PB85-143329 **05**-*511,340* Not available NTIS

CARBON 13 REACTIONS

Quasimolecular Single-Nucleon Effects in Heavy-Ion Collisions.
DE85002562 **06**-*514,176* PC **A02**/MF **A01**

Strong Coupled-Reaction-Channel Scheme with the Hybridization of the Valence Nucleon in the sup 12 C+ sup 13 C System.
DE85700143 **09**-*520,541* PC **A02**/MF **A01**

Inelastic Scattering of sup 13 C Ions to Giant Resonances in sup 208 Pb.
DE85780696 **15**-*535,002* PC **A02**/MF **A01**

Experimental Study of the Dominant Channels for the Ti Isotopes + exp 13 C Reactions. Comparisons with the Evaporation Programs.
FRNC-TH-939 **20**-*546,852* PC **A06**/MF **A01**

CARBON 13 TARGET

Experiments on the Nuclear Interactions of Pions. Progress Report.
DE84015611 **01**-*502,466* PC **A07**/MF **A01**

Studies of P-Shell Nuclei by Large Momentum Transfer Electron Scattering.
DE84016803 **02**-*504,977* PC **A02**/MF **A01**

Quasimolecular Single-Nucleon Effects in Heavy-Ion Collisions.
DE85002562 **06**-*514,176* PC **A02**/MF **A01**

Measurement of Pion Double Charge Exchange on Carbon-13, Carbon-14, Magnesium-26, and Iron-56.
DE85010355 **17**-*539,395* PC **A07**/MF **A01**

Yrast and High Spin States in sup 22 Ne.
DE85700577 **18**-*541,795* PC **A04**/MF **A01**

Coupled-Reaction-Channel Approach for Molecular Orbital Phenomena of Valence Nucleons in Heavy Ion Collisions. The sup 12 C + sup 13 C System.
DE85700869 **20**-*546,728* PC **A05**/MF **A01**

Bound and Scattering States of Carbon Isotopes.
DE85780741 **16**-*536,841* PC **A08**/MF **A01**

CARBON 14

Summary of United States Activities in Commercial Nuclear Airborne Waste Management.
DE84016705 **02**-*504,744* PC **A02**/MF **A01**

Behaviour of the Gaseous Radionuclides Released During the First Reprocessing Operations.
DE84700910 **09**-*519,970* PC **A04**/MF **A01**

Particle-Hole Description of GDR States in Light Nuclei with Closed Shells + - 2 Nucleons.
DE84702552 **15**-*534,844* PC **A03**/MF **A01**

Off-Gas Monitoring Technology Applicable to Nuclear Fuel Reprocessing Plants.
DE85000194 **05**-*512,262* PC **A11**/MF **A01**

Airborne Waste Management Program. Final Report.
DE85001917 **09**-*520,062* PC **A05**/MF **A01**

Behavior of Carbon-14 in Waste Packages for Spent Fuel in a Repository in Tuff. Revision 1.
DE85012562 **22**-*551,151* PC **A02**/MF **A01**

Light Mass Elements Total Half-Lives for Selected Long-Lived Nuclides.
DE85014217 **24**-*556,818* PC **A02**/MF **A01**

Carbon-14 Waste Management.
DE85701671 **25**-*559,149* PC **A07**/MF **A01**

Bound and Scattering States of Carbon Isotopes.
DE85780741 **16**-*536,841* PC **A08**/MF **A01**

CARBON 14 TARGET

Study on the sup 14 C(sup 6 Li, sup 6 He) sup 14 N Reaction and the Proximity Effects to the pi ,Condensation Threshold.
DE84702307 **03**-*507,511* PC **A03**/MF **A01**

Chaos Near the Coulomb Barrier. Nuclear Molecules.
DE85001280 **04**-*510,288* PC **A02**/MF **A01**

Role of Giant Resonances in Heavy-Ion Radiative Capture.
DE85003603 **09**-*520,481* PC **A02**/MF **A01**

Searching for Hidden Color with Pion-Nucleus Double Charge Exchange.
DE85007775 **14**-*532,631* PC **A02**/MF **A01**

Searching for 6-Quark, Hidden Color Clusters with the Pion-Nucleus Double Charge Exchange Reaction.
DE85007839 **14**-*532,639* PC **A02**/MF **A01**

Measurement of Pion Double Charge Exchange on Carbon-13, Carbon-14, Magnesium-26, and Iron-56.
DE85010355 **17**-*539,395* PC **A07**/MF **A01**

CARBON 15

First Forbidden beta Decay in Light Nuclei.
DE85007284 **13**-*530,429* PC **A02**/MF **A01**

CARBON 16

First Forbidden beta Decay in Light Nuclei.
DE85007284 **13**-*530,429* PC **A02**/MF **A01**

CARBON 17

Direct Mass Measurements in the Light Neutron-Rich Region Using a Combined Energy and Time-of-Flight Technique.
DE85002026 **06**-*514,170* PC **A02**/MF **A01**

CARBON 18

Direct Mass Measurements in the Light Neutron-Rich Region Using a Combined Energy and Time-of-Flight Technique.
DE85002026 **06**-*514,170* PC **A02**/MF **A01**

CARBON ADSORBABLE ORGANO-HALIDE ANALYZERS

Determination of Carbon Adsorbable Organo-Halide in Waters.
PB85-180149 **14**-*532,286* PC **E06**/MF **E06**

CARBON ALLOYS

Ordered Carbon Metal Alloys for Extraterrestrial Power Systems.
AD-A150 881/1 **11**-*524,463* PC **A04**/MF **A01**

CARBON ARCS

Diamondlike Flakes.
PATENT-4 495 044 **15**-*533,991* Not available NTIS

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PAT-APPL-6-715 808 **14**-*531,815* PC **A02**/MF **A01**

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Thermophysical Property Testing Using Transient Techniques.
AD-A147 085/5 **02**-*505,232* PC **A04**/MF **A01**

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AD-A148 290/0 **05**-*511,670* PC **A05**/MF **A01**

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AD-A155 330/4 **19**-*543,175* PC **A04**/MF **A01**

High Temperature Mechanical Testing of a Cylindrical Weave Carbon-Carbon Composite.
AD-A156 639/7 **22**-*550,402* PC **A05**/MF **A01**

Process Models for 3D Composites.
AD-A156 889/8 **22**-*550,404* PC **A07**/MF **A01**

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AD-A157 094/4 **23**-*553,135* PC **A02**/MF **A01**

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N85-29067/4 **21**-*548,126* PC **A04**/MF **A01**

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PAT-APPL-6-643 140 **03**-*507,873* PC **A02**/MF **A01**

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PAT-APPL-6-724 719 **20**-*546,017* PC **A02**/MF **A01**

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PAT-APPL-6-729 767 **22**-*551,844* PC **A02**/MF **A01**

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PATENT-4 477 024 **03**-*507,861* Not available NTIS

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PB85-230738 **23**-*552,557* Not available NTIS

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CARBON MONOXIDE LASERS

Microwave Discharge in a Supersonic Flow for the Excitation of a Gas Dynamic CO Laser.
N85-18337/4 **12**-*527,942* PC **A07**/MF **A01**

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N85-24301/2 **17**-*539,329* PC **A06**/MF **A01**

CARBON MONOXIDE POISONING

Development of Behavioral Toxicology Methodology for Interactive Exposure Regimens.
AD-A146 576/4 **01**-*500,873* PC **A12**/MF **A01**

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AD-P004 882/7 **23**-*552,427* PC **A03**/MF **A01**

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CARBON REINFORCED COMPOSITES

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AD-A157 690/9 **24**-*555,715* PC **A03**/MF **A01**

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AD-A157 705/5 **24**-*555,716* PC **A03**/MF **A01**

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AD-A157 858/2 **24**-*555,718* PC **A06**/MF **A01**

Erosion-Resistant Nosetip Construction.
PAT-APPL-6-643 140 **03**-*507,873* PC **A02**/MF **A01**

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PATENT-4 515 847 **23**-*554,544* Not available NTIS

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CARBON REINFORCED PLASTICS

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PB85-105443 **01**-*501,580* PC **E03**/MF **E03**

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CARBON STEELS

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AD-A147 762/9 **04**-*509,381* PC **A03**/MF **A01**

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AD-A153 479/1 **16**-*536,338* PC **A06**/MF **A01**

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DE85002247 **06**-*513,584* PC **A02**/MF **A01**

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DE85004057 **13**-*529,470* PC **A02**/MF **A01**

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DE85009717 **24**-*556,341* PC **A02**/MF **A01**

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DE85012387 **24**-*555,745* PC **A03**/MF **A01**

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DE85012388 **24**-*555,746* PC **A03**/MF **A01**

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DE85013985 **23**-*554,438* PC **A07**/MF **A01**

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CARBON SULFIDE (CS2)

Molecular X-Ray Spectra: S-K(beta) Emission and K Absorption Spectra of SCO and CS2.
PB85-197788 **17**-*537,734* Not available NTIS

CARBON SULFIDES

Ionizing Reaction in the Collision of Argon Atoms in High Rydberg States with Various Molecules.
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DE85011696 **18**-*541,994* PC **A03**/MF **A01**

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DE85014402 **22**-*550,011* PC **A03**/MF **A01**

Absorption Spectra of Shocked Liquid CS sub 2.
DE85015675 **24**-*555,329* PC **A02**/MF **A01**

Spectroscopic Studies of Carbon Disulfide at High Pressure.
DE85015725 **26**-*560,474* PC **A02**/MF **A01**

Time-Resolved Infrared Spectral Photography Studies of Shock-Induced Chemistry in CS sub 2.
DE85016132 **25**-*557,975* PC **A02**/MF **A01**

Gas Cleanup for Indirect Liquefaction.
DE85016299 **25**-*558,629* PC **A02**/MF **A01**

CARBON TETRACHLORIDE

Synthesis of Some Highly Silylated Aminophosphines and Their Reactions with Carbon Tetrachloride.
AD-A149 066/3 **07**-*514,684* PC **A03**/MF **A01**

Ionizing Reaction in the Collision of Argon Atoms in High Rydberg States with Various Molecules.
DE84751392 **04**-*508,781* PC **A06**/MF **A01**

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PB85-124196 **04**-*508,694* PC **A14**/MF **A01**

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PB85-124287 **04**-*508,859* Not available NTIS

Influence of Time of Exposure to Carbon Tetrachloride on Toxic Liver Injury.
PB85-220424 **21**-*547,727* Not available NTIS

Survey of Carbon Tetrachloride Emission Sources.
PB85-221661 **26**-*561,083* PC **A10**/MF **A01**

CARBON TETRAFLUORIDE

Experimental Studies of Low Temperature Surface Interactions of Atomic Hydrogen Using Maser Technique.
AD-A150 216/0 **10**-*521,676* PC **A02**/MF **A01**

Reactive Ion Etching of SiC Thin Films Using Fluorinated Gases.
AD-A158 565/2 **25**-*557,936* PC **A02**/MF **A01**

Ionizing Reaction in the Collision of Argon Atoms in High Rydberg States with Various Molecules.
DE84751392 **04**-*508,781* PC **A06**/MF **A01**

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CARBON TETRAXHLORIDE

Synthesis of Some Highly Silylated Aminophosphines and Their Reactions with Carbon Tetrachloride.
AD-A149 066/3 **07**-*514,684* PC **A03**/MF **A01**

CARBONATE MINERALS

Spectral Reflectance of Carbonate Minerals and Rocks in the Visible and Near Infrared (0.35 - 2.55 Micrometers) and Its Applications in Carbonate Petrology.
N85-25973/7 **18**-*540,470* PC **A12**/MF **A01**

CARBONATE ROCKS

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DE81030684 **24**-*556,376* PC **A02**/MF **A01**

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N85-11440/3 **04**-*509,007* PC **A02**/MF **A01**

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PB85-119576 **04**-*508,011* PC **E03**/MF **E01**

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N84-34618/8 **02**-*504,034* PC **A03**/MF **A01**

Development of Rapidly Quenched Alloys with Special Physical Properties and of Processes for Their Continuous Production.
N85-13039/1 **07**-*514,996* PC **A09**/MF **A01**

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N85-31071/2 **23**-*553,162* PC **A04**/MF **A01**

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DE85000475 **04**-*509,410* PC **A22**/MF **A01**

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DE85002684 **06**-*513,587* PC **A04**/MF **A01**

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DE85012388 **24**-*555,746* PC **A03**/MF **A01**

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PB85-140689 **05**-*511,661* Not available NTIS

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AD-A145 820/7 **01**-*500,965* PC **A05**/MF **A01**

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AD-A148 972/3 **07**-*515,145* PC **A04**/MF **A01**

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AD-A152 662/3 **14**-*531,851* PC **A03**/MF **A01**

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DE84015357 **12**-*527,404* PC **A02**/MF **A01**

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N84-33564/5 **01**-*501,550* PC **A02**/MF **A01**

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N85-13039/1 **07**-*514,996* PC **A09**/MF **A01**

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N85-13960/8 **08**-*516,905* PC **A07**/MF **A01**

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N85-15923/4 **10**-*522,900* PC **A03**/MF **A01**

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N85-16127/9 **12**-*527,127* PC **A06**/MF **A01**

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N85-21343/7 **14**-*531,879* PC **A03**/MF **A01**

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N85-32178/4 **24**-*555,785* PC **A05**/MF **A01**

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N85-32333/5 **24**-*555,898* PC **A02**/MF **A01**

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PB85-215184 **21**-*547,590* PC **A09**/MF **A01**

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PB85-215218 **21**-*547,593* PC **A10**/MF **A01**

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AD-A155 444/3 **19**-*543,208* PC **A05**/MF **A01**

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AD-A156 672/8 **22**-*550,420* PC **A08**/MF **A01**

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PB85-207249 **20**-*544,848* Not available NTIS

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DE85015810 **25**-*558,739* PC **A03**/MF **A01**

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AD-A152 241/6 **13**-*528,313* PC **A09**/MF **A01**

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AD-A149 503/5 **08**-*516,188* PC **A04**/MF **A01**

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AD-A153 844/6 **16**-*535,756* PC **A03**/MF **A01**

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AD-A157 781/6 **24**-*555,270* PC **A02**/MF **A01**

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PB85-224830 **22**-*550,662* PC **A04**/MF **A01**

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PB85-179539 **14**-*531,283* PC **A02**/MF **A01**

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AD-A147 917/9 **04**-*510,319* PC **A14**/MF **A01**

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AD-A150 958/7 **11**-*523,626* PC **A02**/MF **A01**

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AD-A155 404/7 **19**-*543,012* PC **A09**/MF **A01**

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AD-A158 761/7 **25**-*558,174* PC **A02**/MF **A01**

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AD-A155 013/6 **18**-*539,971* PC **A02**/MF **A01**

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AD-A146 348/8 **01**-*500,461* PC **A02**/MF **A01**

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AD-A150 574/2 **10**-*521,915* PC **A02**/MF **A01**

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AD-A149 258/6 **08**-*517,745* PC **A03**/MF **A01**

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AD-A147 233/1 **03**-*505,825* Not available NTIS

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AD-A147 478/2 **03**-*505,841* Not available NTIS

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AD-A148 089/6 **04**-*510,185* PC **A03**/MF **A01**

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AD-A148 433/6 **05**-*511,635* PC **A03**/MF **A01**

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AD-A148 456/7 **05**-*512,401* PC **A03**/MF **A01**

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AD-A149 250/3 **08**-*516,568* PC **A02**/MF **A01**

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AD-A149 319/6 **08**-*516,374* PC **A02**/MF **A01**

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AD-A151 430/6 **12**-*527,399* Not available NTIS

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AD-A152 038/6 **13**-*529,107* PC **A04**/MF **A01**

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AD-A157 945/7 **24**-*555,276* PC **A02**/MF **A01**

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DE84016839 **11**-*524,363* PC **A07**/MF **A01**

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AD-A147 513/6 **03**-*505,778* Not available NTIS

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DE85901166 **15**-*535,222* PC **A13**/MF **A01**

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PB85-105401 **03**-*505,622* PC **E04**/MF **E01**

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AD-A149 791/6 09-*519,059* PC **A05**/MF **A01**

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AD-A153 245/6 15-*535,244* PC **A03**/MF **A01**

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N85-18154/3 12-*527,074* PC **A07**/MF **A01**

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N85-22755/1 15-*533,987* PC **A02**/MF **A01**

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AD-A145 753/0 01-*501,500* PC **A07**/MF **A01**

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AD-A145 945/2 01-*501,501* PC **A07**/MF **A01**

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N85-12180/4 **06**-*513,528* PC **A02**/MF **A01**

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N85-13048/2 **07**-*514,962* PC **A02**/MF **A01**

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85-21406/2 **14**-*532,190* PC **A02**/MF **A01**

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85-23926/7 **17**-*538,194* PC **A03**/MF **A01**

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5-25843/2 **18**-*541,275* PC **A02**/MF **A01**

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5-26718/5 **19**-*543,162* PC **A05**/MF **A01**

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-28107/9 **20**-*545,460* PC **A02**/MF **A01**

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-28109/5 **20**-*545,461* PC **A12**/MF **A01**

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N85-31305/4 **23**-*553,127* PC **A12**/MF **A01**

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N85-32333/5 **24**-*555,698* PC **A02**/MF **A01**

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N85-32337/6 **24**-*555,711* PC **A04**/MF **A01**

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DE85701854 **26**-*561,839* PC **A02**/MF **A01**

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DE85004165 **09**-*520,737* PC **A02**/MF **A01**

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DE84016860 **02**-*503,557* PC **A03**/MF **A01**

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CERIUM INTERMETALLICS

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PB85-172229 **13**-*529,069* PC **E06**/MF **E01**

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PB85-236578 **24**-*555,402* PC **E04**/MF **E01**

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AD-A150 387/9 **10**-*521,937* PC **A03**/MF **A01**

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DE85700036 **09**-*520,499* PC **A02**/MF **A01**

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DE85700037 **09**-*520,500* PC **A02**/MF **A01**

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DE85701703 **25**-*557,980* PC **A04**/MF **A01**

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DE84702800 **08**-*517,866* PC **A02**/MF **A01**

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DE84702097 **03**-*507,440* PC **A02**/MF **A01**

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DE84703120 **08**-*517,936* PC **A02**/MF **A01**

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DE85007776 **14**-*532,632* PC **A02**/MF **A01**

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DE85010355 **17**-*539,395* PC **A07**/MF **A01**

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DE85701322 **25**-*559,552* PC **A15**/MF **A01**

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PB85-219897 **20**-*545,024* Not available NTIS

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AD-A150 127/9 **09**-*518,853* PC **A02**/MF **A01**

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AD-A152 375/2 **14**-*531,448* PC **A03**/MF **A01**

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AD-A152 708/4 **14**-*531,479* PC **A04**/MF **A01**

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N85-11890/9 **04**-*510,403* PC **A02**/MF **A01**

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PAT-APPL-6-643 589 **15**-*533,989* PC **A02**/MF **A01**

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DE85009882 **17**-*539,473* PC **A02**/MF **A01**

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DE85000390 **09**-*520,459* PC **A03**/MF **A01**

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DE85700954 **20**-*546,139* PC **A02**/MF **A01**

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DE84703206 **10**-*522,590* PC **A04**/MF **A01**

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DE85003719 **08**-*518,004* PC **A06**/MF **A01**

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DE85005299 **11**-*525,475* PC **A03**/MF **A01**

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DE85006305 **13**-*530,047* PC **A02**/MF **A01**

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DE85008054 **13**-*530,459* PC **A03**/MF **A01**

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DE85010325 **17**-*539,394* PC **A03**/MF **A01**

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DE85010755 **18**-*541,823* PC **A02**/MF **A01**

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PB85-207504 18-*540,391* PC **A05**/MF **A01**

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PAT-APPL-6-646 536 01-*502,024* PC **A02**/MF **A01**

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AD-A156 908/6 **22**-*550,607* PC **A05**/MF **A01**

CHLAMYDIA

Chlamydia: Detection Methods. 1978-February 1985 (Citations from the Life Sciences Collection Data Base).
PB85-856631 **09**-*518,687* PC **N01**/MF **N01**

CHLAMYDOMONAS

Magnetostatic Microorganisms of the Rio de Janeiro Region.
DE85700596 **19**-*542,723* PC **A02**/MF **A01**

Molecular Genetics of the Chloroplast of 'Chlamydomonas Reinhardtii'.
PB85-200897 **18**-*540,039* PC **E04**/MF **E04**

CHLORAL HYDRATE

Behavioral Toxicity of Chloral in Mice: An Approach to Evaluation.
PB85-104917 **01**-*500,922* Not available NTIS

CHLORAMINE

New Disinfection Agents for Water.
AD-A149 537/3 **08**-*517,085* PC **A05**/MF **A01**

CHLORAMINES

Antimicrobial Activities of N-Chloramines and Diazolidinyl Urea.
PB85-198836 **18**-*540,174* Not available NTIS

Derivatization of Organic and Inorganic N-Chloramines for High-Performance Liquid Chromatographic Analysis of Chlorinated Water.
PB85-219814 **21**-*547,789* Not available NTIS

Cyclic Voltammetry of Organic and Inorganic N-Chloramines in Aqueous Solution.
PB85-220416 **21**-*548,575* Not available NTIS

CHLORAMPHENICOL

Reduction of Mortality in Chloramphenicol-Treated Patients with Severe Typhoid Fever by High Dose Dexamethasone.
AD-A147 613/4 **04**-*508,470* PC **A02**/MF **A01**

Reduction of Mortality in Chloramphenicol-Treated Severe Typhoid Fever by High-Dose Dexamethasone.
AD-A147 669/6 **04**-*508,473* PC **A02**/MF **A01**

CHLORATE

Effect of Exogenous Glutathione, Glutathione Reductase, Chlorine Dioxide, and Chlorite on Osmotic Fragility of Rat Blood In vitro.
PB85-146744 **08**-*516,337* Not available NTIS

Kinetics of Chlorite and Chlorate in the Rat.
PB85-146751 **08**-*516,338* Not available NTIS

CHLORATES

Magnetically-Induced Luminescence of (Ir(2= phos)2)C10 4.
AD-A149 659/5 **09**-*518,826* PC **A02**/MF **A01**

Chlorate Reduction in the Brine Circuit of a Chlor-Alkali Electrolysis.
DE85770122 **12**-*526,699* PC **A07**/MF **A01**

Reactions of Chlorite with Activated Carbon and with Vanillic Acid and Indan Adsorbed on Activated Carbon.
PB85-225316 **22**-*550,026* Not available NTIS

CHLORAZIFOP

Activity and Post-Emergence Selectivity of Some Recently Developed Herbicides: AC 252214, DPX-T6376, and Chlorazifop.
PB85-186120 **15**-*533,234* PC **E04**/MF **E04**

CHLORDAN

Health Hazard Evaluation Report HETA 83-424-1403, Ozark National Scenic Riverways, Van Buren, Missouri,
PB85-179182 **14**-*531,358* PC **A02**/MF **A01**

CHLORDIAZEPOXIDE

Potentiation of the Behavioral Effects of Pentobarbital, Chlordiazepoxide and Ethanol by Thyrotropin-Releasing Hormone.
AD-A147 536/7 **03**-*505,752* PC **A02**/MF **A01**

CHLORDIMEFORM

Some Effects of the Formamidine Pesticide Chlordimeform on the Behavior of Mice.
PB85-161347 **11**-*523,919* Not available NTIS

Chlordimeform Produces Profound, Selective, and Transient Changes in Visual Evoked Potentials of Hooded Rats.
PB85-192961 **16**-*535,780* PC **A02**/MF **A01**

CHLORELLA

Influence of Culture Conditions on Growth and Protein Metabolism in Chlorella Pyrenoidosa.
DE81700497 **20**-*544,750* PC **A06**/MF **A01**

Evidence and Analysis of Radioresistance Induced by Protracted gamma Irradiation of Chlorella Pyrenoidosa Chick, Green Unicellular Alga.
DE85751190 **25**-*557,820* PC **A07**/MF **A01**

CHLORIDE

Coal Liquids Distillation Tower Corrosion. Chloride Pathways in the Wilsonville, Alabama SRC-1 Pilot Plant when Processing a High Chloride Coal.
PB85-159846 **10**-*521,662* PC **A02**/MF **A01**

CHLORIDE IONS

Mobility of Radionuclides in High Chloride Environments: A Case Study of Waters Within and Near the Delaware Basin, Southeastern New Mexico,
NUREG/CR-4237 **15**-*534,546* PC **A05**/MF **A01**

CHLORIDES

New Class of Room Temperature Molten Salts for Battery Applications.
AD-A148 490/6 **05**-*511,636* PC **A02**/MF **A01**

Chloride Movement Across Basolateral Membrane of Necturus Epithelium.
AD-A148 929/3 **07**-*514,648* PC **A02**/MF **A01**

UV-Laser Photodeposition from Surface-Adsorbed Mixtures of Trimethylaluminum and Titanium Tetrachloride.
AD-A149 326/1 **08**-*516,375* PC **A02**/MF **A01**

Reaction of Chloride Ions in Low-Temperature Molten Salts and Application to the Study of Complex Ion Stoichiometry.
AD-A149 580/3 **09**-*518,820* PC **A02**/MF **A01**

Electrochemistry and Electrochemical Methodology in Molten Salts.
AD-A149 613/2 **09**-*518,824* PC **A03**/MF **A01**

Reaction of Perfluoropolyalkylether Oil with FeF(3), AlF(3), and AlCl(3) at Elevated Temperatures.
AD-A155 030/0 **18**-*540,316* PC **A03**/MF **A01**

Procedure Identifying a Polyacetylene Initiator of Olefin Metathesis. The Reactivities of Metal-Carbenes Toward Alkenes and Alkynes.
AD-A156 997/9 **22**-*549,982* PC **A04**/MF **A01**

Identification of Metal Ion Chloro Complexes in an Ambient Temperature Molten Salt.
AD-A157 295/7 **23**-*552,488* PC **A03**/MF **A01**

Corrosion in Fractionation Towers. Report for the Technical Data Analysis Program.
DE84017339 **03**-*505,805* PC **A06**/MF **A01**

Contributions to the Prompt Neutron Activation Analysis of Industrially Used Coals and Zinc Roasting Products.
DE84780567 **09**-*520,799* PC **A07**/MF **A01**

Laboratory/Bench Scale Testing and Evaluation of A.P.T. Dry Plate Scrubber. Fifty-Fifth Monthly Report, September 1-September 30, 1984.
DE85001015 **07**-*515,088* PC **A02**/MF **A01**

Pollution Control in Coal Gasification. Sixth Quarterly Report, October 1, 1982-December 31, 1982.
DE85003379 **15**-*535,152* PC **A02**/MF **A01**

Chemical and Physical Properties of Dimethyl Sulfoxide-Water-Metal Chloride Systems.
DE85004950 **11**-*523,998* PC **A04**/MF **A01**

Environmental Monitoring at Argonne National Laboratory. Annual Report for 1984.
DE85010613 **18**-*541,576* PC **A06**/MF **A01**

Weldon Spring Site Environmental Monitoring Report, Calendar Year 1984.
DE85017437 **26**-*561,467* PC **A03**/MF **A01**

Atomic Capture and Density.
DE85900294 **08**-*518,010* PC **A02**/MF **A01**

Dynamics of Graphite Fiber Intercalation: In Situ Resistivity Measurements with a Four Point Probe.
N85-10105/3 **03**-*505,885* PC **A02**/MF **A01**

Photoacoustic Measurements of Multiple Photon Infrared Absorption by Alkyl Chlorides and Hexadienes.
PB85-124378 **05**-*511,250* Not available NTIS

Immunologic Effects of Nickel: 2. Suppression of Natural Killer Cell Activity.
PB85-198261 **17**-*537,512* PC **A02**/MF **A01**

Sensitivity of Rainbow Trout Early Life Stages to Nickel Chloride.
PB85-198372 **18**-*540,034* PC **A02**/MF **A01**

Effects of Magnesium and Chloride Ions on Limestone Dual Alkali System Performance,
PB85-238483 **25**-*558,657* PC **A02**/MF **A01**

CHLORINATED ALIPHATIC HYDROCARBONS

Stable Isotope Studies. Progress Report, March 1, 1984-February 28, 1985.
DE84016752 **02**-*503,553* PC **A07**/MF **A01**

Elementary Processes in Combustion and Sooting of Coal-Derived Fuels. Progress Report: 2nd Year, Fourth Quarter, May 10-August 9, 1984.
DE85009074 **14**-*532,791* PC **A02**/MF **A01**

Elementary Processes in Combustion and Sooting of Coal Derived Fuels. Progress Report: 1st Year, 2nd Quarter, November 10, 1982-February 9, 1983.
DE85009076 **14**-*532,792* PC **A02**/MF **A01**

Developing Biological and Chemical Methods for Environmental Monitoring of DOE Waste Disposal and Storage Facilities. Progress Report, November 1, 1984-March 31, 1985.
DE85011039 **20**-*546,231* PC **A02**/MF **A01**

Preliminary Assessment of Laboratory Techniques for Measurement of Volatiles Through Soils at Hazardous Waste Sites.
DE85014617 **24**-*555,370* PC **A02**/MF **A01**

Method for Removing Chlorine Compounds from Hydrocarbon Mixtures.
PAT-APPL-6-655 598 **19**-*544,400* PC **A02**/MF **A01**

CHLORINATED AROMATIC HYDROCARBONS

PCB Analysis by Capillary Gas Chromatography Coupled with Matrix Isolation-Fourier Transform Infrared Spectroscopy.
DE84009201 **09**-*518,856* PC **A02**/MF **A01**

PCB (Polychlorinated Biphenyl) Annual Report for Oak Ridge National Laboratory, 1982.
DE84016581 **09**-*518,794* PC **A02**/MF **A01**

Removal of PCB from Oils and Soils.
DE85002619 **08**-*517,100* PC **A02**/MF **A01**

Round Robin Investigation of Organic Compounds in Aqueous Leachates of Solid Wastes: Application to H-Coal Filter Cake Leachates.
DE85004009 **08**-*516,418* PC **A03**/MF **A01**

Sensitization and Quenching in the Conversion of Light Energy into Chemical Energy. Progress Report, February 1, 1979-January 31, 1980.
DE85008112 **15**-*533,650* PC **A02**/MF **A01**

Recommended Surrogate PCB Waste Feed and Fuel Compositions to Meet Requirements Given in Spec. K/D 5552 for Test Burns in the Martin Marietta Energy Systems Inc. Incinerator.
DE85008704 **14**-*532,028* PC **A02**/MF **A01**

Elementary Processes in Combustion and Sooting of Coal Derived Fuels. Progress Report: 1st Year, 3rd Quarter, February 10-May 9, 1983.
DE85009067 **14**-*532,789* PC **A02**/MF **A01**

Elementary Processes in Combustion and Sooting of Coal-Derived Fuels. Progress Report: 2nd Year, Fourth Quarter, May 10-August 9, 1984.
DE85009074 **14**-*532,791* PC **A02**/MF **A01**

Field Sampling Design and Method of Statistical Analysis to Define the Areal Extent of PCB Contamination in Low-Level Waste Pond Sediments.
DE85009433 **17**-*536,962* PC **A02**/MF **A01**

Pollutant Body Burdens and Reproduction in Platichthys Stellatus from San Francisco Bay. Final Report.
DE85010407 **18**-*540,396* PC **A06**/MF **A01**

Analysis of Sediments and Soils for Chemical Contamination for the Design of US Navy Homeport Facility at East Waterway of Everett Harbor, Washington. Final Report.
DE85012040 **19**-*542,613* PC **A06**/MF **A01**

PCB (Polychlorinated Biphenyl) Annual Report for Oak Ridge National Laboratory, 1983.
DE85014775 **24**-*555,939* PC **A03**/MF **A01**

Search for Indicatory Criteria to Predict Possible Effects of Stress on Ecosystems. Vol. 6.
DE85752358 **25**-*557,257* PC **A08**/MF **A01**

Pollutants in the Environment.
DE85770063 **20**-*544,832* PC **A10**/MF **A01**

CHLORINATED HYDROCARBONS

Dietary Accumulation of PCBs from a Contaminated Sediment Source by a Demersal Fish Species (Leiostomus xanthurus).
AD-A149 415/2 **08**-*516,238* PC **A03**/MF **A01**

Catalytic Degradation of Trihalomethanes.
AD-A151 516/2 **12**-*526,656* PC **A02**/MF **A01**

Soil Extraction Kit.
PAT-APPL-6-696 129 **20**-*545,989* PC **A02**/MF **A01**

Dietary Accumulation of PCBs from a Contaminated Sediment Source by a Demersal Fish ('Leiostomus xanthurus').
PB85-193019 **16**-*535,718* Not available NTIS

CHLORINATION

Basic Epidemiologic Considerations for Evaluating Associations between the Disinfection of Drinking Water and Cancer in Human Populations,
PB85-106672 **01**-*500,698* PC **A03**/MF **A01**

Drinking Water Source and Risk of Bladder Cancer: A Case-Control Study,
PB85-156537 **10**-*521,649* PC **A02**/MF **A01**

Water Chlorination: Crossroad of Uncertainties and Decisions,
PB85-156818 **10**-*522,312* PC **A02**/MF **A01**

Papillomas on Fish Exposed to Chlorinated Wastewater Effluent.
PB85-160844 **11**-*523,690* Not available NTIS

Organohalide Formation on Chlorination of Algal Extracellular Products.
PB85-174100 **13**-*528,805* Not available NTIS

Enumeration and Identification of Heterotrophic Bacteria from Drinking Water,
PB85-207496 **19**-*543,500* PC **A05**/MF **A01**

Effects of Disinfection Techniques on Chesapeake Bay Sediments.
PB85-214849 **20**-*545,766* PC **A04**/MF **A01**

Identity and Yields of Major Halogenated Products of Aquatic Fulvic Acid Chlorination.
PB85-218949 **21**-*547,786* Not available NTIS

Derivatization of Organic and Inorganic N-Chloramines for High-Performance Liquid Chromatographic Analysis of Chlorinated Water.
PB85-219814 **21**-*547,789* Not available NTIS

Cyclic Voltammetry of Organic and Inorganic N-Chloramines in Aqueous Solution.
PB85-220416 **21**-*548,575* Not available NTIS

Effects of Activated Carbon on the Reactions of Free Chlorine with Phenols.
PB85-225530 **22**-*550,672* Not available NTIS

Disinfectants: Chlorine and Chlorine Dioxide. 1978-1984 (Citations from the Life Sciences Collection Data Base).
PB85-852747 **03**-*505,751* PC **N01**/MF **N01**

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Determination of Equilibrium Constants for the Tetrachloroaluminate Ion Dissociation in Ambient-Temperature Ionic Liquids.
AD-A149 582/9 **09**-*518,622* PC **A02**/MF **A01**

Some Novel Reactions of N-Chlorodifluoromethanimine.
AD-A149 850/0 **09**-*518,837* Not available NTIS

Chromium, Molybdenum, and Tungsten Chlorophosphazenes: Molecular Structures of N3P3C15(Cr(CO)3(Eta-C5H5)) and N3P3C14(C5H5)(Mo(CO)3(Eta-C5H5)).
AD-A153 220/9 **15**-*533,528* Not available NTIS

Toxicology of Natural and Man-Made Toxicants in Drinking Water,
AD-P004 035/2 **01**-*500,894* PC **A02**/MF **A01**

Integration of Advanced Preparation with Coal Liquefaction. Third Quarterly Technical Progress Report, April 1-June 30, 1984.
DE84014522 **02**-*505,169* PC **A03**/MF **A01**

Study on the P-Odd Asymmetry of Longitudinally Polarized Neutron Transmission in sup 117 Sn, sup 233 Th, sup 239 Pu Isotopes and Natural Mixture of Cl and Pb Isotopes.
DE84702867 **08**-*517,920* PC **A02**/MF **A01**

High Count Rate Enhancement of CONAC: Results of Laboratory Acceptance Tests.
DE84901971 **04**-*510,447* PC **A03**/MF **A01**

Ecology of Subtropical, Shallow Water Environments: Chemistry of Copper and Chlorine Introduced into Marine Systems During Energy Production. Final Report.
DE85001029 **09**-*519,045* PC **A03**/MF **A01**

Chemistry and Fate of Disinfection By-Products.
DE85001109 **04**-*508,800* PC **A02**/MF **A01**

Integration of Advanced Preparation with Coal Liquefaction. Fourth Quarterly Technical Progress Report, July 1, 1984-September 30, 1984.
DE85001432 **09**-*520,818* PC **A03**/MF **A01**

Methods of Chemical Analysis for Ionic Constituents in Synfuel Wastewaters. Final Report.
DE85003285 **17**-*537,637* PC **A06**/MF **A01**

Ecology of Subtropical, Shallow Water Environments: Chemistry of Copper and Chlorine Introduced into Marine Systems During Energy Production. Final Report.
DE85003703 **09**-*518,911* PC **A03**/MF **A01**

Adsorption Thermodynamics and Surface Transport of Metal Catalyst Poisons. Annual Report, 1984.
DE85003750 **09**-*518,913* PC **A02**/MF **A01**

H-Division (Lawrence Livermore National Laboratory) Materials Physics Quarterly Report, April-June 1984.
DE85004990 **11**-*523,999* PC **A04**/MF **A01**

Photochemical Generation of the Optoacoustic Effect. Progress Report, 15 April 1984-14 April 1985.
DE85005835 **12**-*526,726* PC **A02**/MF **A01**

Integration of Advanced Preparation with Coal Liquefaction. Fifth Quarterly Technical Progress Report, October 1-December 31, 1984.
DE85005876 **13**-*530,605* PC **A03**/MF **A01**

Electrochemistry of Halogen Electrodes in Propylene Carbonate.
DE85008452 **18**-*540,762* PC **A11**/MF **A01**

Integration of Advanced Preparation with Coal Liquefaction. Sixth Quarterly Technical Progress Report, January 1, 1985-March 31, 1985.
DE85010432 **18**-*541,971* PC **A02**/MF **A01**

Hydrolysis, Formation and Ionization Constants at 25 deg C, and at High Temperature-High Ionic Strength.
DE85010645 **18**-*541,548* PC **A17**/MF **A01**

Variational Transition State Theory. Progress Report, February 1983-February 1985.
DE85010685 **18**-*540,331* PC **A02**/MF **A01**

Abundance of Interstellar Chlorine in the Galaxy.
DE85700059 **09**-*518,427* PC **A03**/MF **A01**

Retention of Fluorine and Chlorine in Flue Gas of Fluidized Combustion Plants by Mixtures of Sorbent and Bed-Ash.
DE85751121 **17**-*538,470* PC **A05**/MF **A01**

Trace Elements in Petroleum, Associated Oil Field Waters and the Kerogen Fraction of Selected Drill Core Samples from the Alpine Foreland (Southern Germany).
DE85770044 **20**-*544,989* PC **A06**/MF **A01**

Tests on the Nature and Reduction of the Chlorine in Fluorspar Concentrate from the Western Transvaal,
PB85-105419 **02**-*503,719* PC **E03**/MF **E01**

Inactivation of Simian Rotavirus SA11 by Chlorine, Chlorine Dioxide, and Monochloramine.
PB85-113967 **03**-*505,790* PC **A02**/MF **A01**

Recommended Practices for On-Line Measurement of Residual Chlorine in Wastewaters.
PB85-147478 **08**-*517,317* PC **A03**/MF **A01**

Mechanisms of Chlorine Decay in Estuarine Water.
PB85-153500 **10**-*521,741* PC **A07**/MF **A01**

Reactions of Chlorine in Drinking Water, with Humic Acids and 'In vivo',
PB85-160737 **11**-*524,048* PC **A03**/MF **A01**

Effects of Activated Carbon on the Reactions of Free Chlorine with Phenols.
PB85-225530 **22**-*550,672* Not available NTIS

Ambient Water Quality Criteria for Chlorine - 1984.
PB85-227429 **22**-*549,762* PC **A04**/MF **A01**

Disinfectants: Chlorine and Chlorine Dioxide. 1978-1984 (Citations from the Life Sciences Collection Data Base).
PB85-852747 **03**-*505,751* PC **N01**/MF **N01**

CHLORINE 35

Calculation of Reduced Partition Function Ratios of Isotopically Substituted Molecules on a Quantum Chemical Base. Possibilities and Limitations of the Evaluation of Isotope Effects by Means of the Semiempirical MINDO/3- and MNDO-MO Methods.
DE84702325 **02**-*503,575* PC **A09**/MF **A01**

Chlorine Isotopes as Environmental Tracers in Columbia River Basalt Groundwaters.
DE85011392 **18**-*540,486* PC **A02**/MF **A01**

CHLORINE 35 REACTIONS

Timescale for Projectile Breakup into Coincident Heavy Fragments.
DE85007816 **13**-*530,446* PC **A02**/MF **A01**

Experimental Detection of Superdeformed Nuclear Shapes in the Mass Range A Approx.= 150 and Angular Momentum Range I > 70 H by Measurement of the Light Charged Particles Emitted Before Fission.
DE85760375 **15**-*534,984* PC **A05**/MF **A01**

CHLORINE 35 TARGET

Parity Non-Conservation in the Radiative Capture of Polarized Neutrons by sup 35 Cl.
DE85751294 **20**-*546,766* PC **A02**/MF **A01**

CHLORINE 36

Chlorine Isotopes as Environmental Tracers in Columbia River Basalt Groundwaters.
DE85011392 **18**-*540,486* PC **A02**/MF **A01**

CHLORINE 37

Calculation of Reduced Partition Function Ratios of Isotopically Substituted Molecules on a Quantum Chemical Base. Possibilities and Limitations of the Evaluation of Isotope Effects by Means of the Semiempirical MINDO/3- and MNDO-MO Methods.
DE84702325 **02**-*503,575* PC **A09**/MF **A01**

Chlorine Isotopes as Environmental Tracers in Columbia River Basalt Groundwaters.
DE85011392 **18**-*540,486* PC **A02**/MF **A01**

CHLORINE 37 REACTIONS

Experimental Detection of Superdeformed Nuclear Shapes in the Mass Range A Approx.= 150 and Angular Momentum Range I > 70 H by Measurement of the Light Charged Particles Emitted Before Fission.
DE85760375 **15**-*534,984* PC **A05**/MF **A01**

CHLORINE 38

High Energy Halogen Atom Reactions Activated by Nuclear Transformations. Progress Report, February 15-December 31, 1984.
DE85008131 **14**-*532,429* PC **A03**/MF **A01**

CHLORINE ATOMS

Kinetics Investigation of the Gas-Phase Reactions of Cl(doublet P) and OH(X(sup 2)/pi) with CH3CN: Atmospheric Significance and Evidence for Decreased Reactivity between Strong Electrophiles.
PB85-143931 **06**-*513,296* Not available NTIS

CHLORINE COMPOUNDS

Reactions of Bis(2,2,2-Trifluoroethyl) Sulfite, Bis(Hexafluoroisopropyl) Sulfite, and Diethyl Sulfite with Chlorine Fluoride: Evidence of an Arbuzov Rearrangement.
AD-A148 020/1 **04**-*508,753* PC **A02**/MF **A01**

Dietary Accumulation of PCBs from a Contaminated Sediment Source by a Demersal Fish Species (Leiostomus xanthurus).
AD-A149 415/2 **08**-*516,238* PC **A03**/MF **A01**

Chlorine Fractionation in High Pressure Separator Streams. Final Technical Report.
DE84016495 **02**-*505,180* PC **A03**/MF **A01**

Dietary Accumulation of PCBs from a Contaminated Sediment Source by a Demersal Fish ('Leiostomus xanthurus').
PB85-193019 **16**-*535,718* Not available NTIS

CHLORINE DIOXIDE

Inactivation of Simian Rotavirus SA11 by Chlorino, Chlorine Dioxide, and Monochloramine.
PB85-113967 **03**-*505,790* PC **A02**/MF **A01**

Toxicity of Chlorine Dioxide in Drinking Water.
PB85-146736 **08**-*517,120* Not available NTIS

Effect of Exogenous Glutathione, Glutathione Reductase, Chlorine Dioxide, and Chlorite on Osmotic Fragility of Rat Blood In vitro.
PB85-146744 **08**-*516,337* Not available NTIS

Response of Chemostat Grown Enteric Bacteria to Chlorine Dioxide,
PB85-193308 **18**-*540,169* PC **A02**/MF **A01**

Effects of Chlorine Dioxide on the Neurobehavioral Development of Rats,
PB85-245983 **25**-*557,864* PC **A02**/MF **A01**

CHLORINE IONS

Investigations of Molecular Orbitals with Accel-Decel Beams.
DE85005128 **11**-*525,469* PC **A02**/MF **A01**

Ultrahigh-Resolution Studies of Heavy-Ion-Induced X-Ray Satellite Emission.
DE85005266 **11**-*524,008* PC **A02**/MF **A01**

Spectroscopy of Quasimolecular X Rays with H-Like Decelerated Ions.
DE85006565 **12**-*528,007* PC **A02**/MF **A01**

Excited State Populations and Charge-Exchange of Fast Ions in Solids.
DE85009362 **15**-*534,867* PC **A02**/MF **A01**

Effect of External Electric Fields on the Dielectronic Recombination Cross Section of Lithium and Sodium Like Ions.
DE85010211 **17**-*537,654* PC **A04**/MF **A01**

Lamb Shift in the Hydrogenic Ion Cl(+ 16),
PB85-130367
08-*516,437*
(Order as PB85-130078, PC **A99**/MF **A01**)

Measurement of the 1s Lamb Shift in Hydrogenlike Chlorine.
PB85-205185 **19**-*542,820* Not available NTIS

CHLORINE ORGANIC COMPOUNDS

Toxicological Evaluation of Selected Chlorinated Phenols,
PB85-101772 **01**-*500,911* PC **A02**/MF **A01**

Investigation of the Metabolism of Chlorinated Hydrocarbons in Subhuman Species.
PB85-152387 **09**-*519,663* PC **A07**/MF **A01**

Enzyme-Based Detection of Chlorinated Hydrocarbons in Water.
PB85-191716 **17**-*538,726* PC **A04**/MF **A01**

Chlordimeform Produces Profound, Selective, and Transient Changes in Visual Evoked Potentials of Hooded Rats.
PB85-192961 **16**-*535,780* PC **A02**/MF **A01**

Estimated Thermodynamic Functions for Some Chlorinated Benzenes, Phenols, and Dioxins.
PB85-205193 **19**-*542,821* Not available NTIS

Development of a Simplified Chlorinated Hydrocarbon Screening Technique for Water and Sediment,
PB85-219038 **20**-*545,019* PC **A02**/MF **A01**

Effects of Activated Carbon on the Reactions of Free Chlorine with Phenols.
PB85-225530 **22**-*550,672* Not available NTIS

CHLORINE OXIDE

Effects of Chlorine Dioxide on Thyroid Function in Neonatal Rats.
PB85-249811 **26**-*560,446* Not available NTIS

CHLORINE OXIDES

Investigation of the Reaction System NOx/ClOx/OHx under Tropospheric and Stratospheric Conditions.
N85-29427/0 **21**-*547,262* PC **A03**/MF **A01**

Toxicity of Chlorine Dioxide in Drinking Water.
PB85-146736 **08**-*517,120* Not available NTIS

Susceptibility of Chemostat-Grown 'Yersinia enterocolitica' and 'Klebsiella pneumoniae' to Chlorine Dioxide.
PB85-193704 **17**-*537,554* Not available NTIS

CHLORITE

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Chromite Occurrences in the Kaiyuh Hills, West-Central Alaska.
PB85-106219 01-*501,219* PC **A03**/MF **A01**

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PB85-146322 08-*516,540* PC **E04**/MF **E01**

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PB85-173474 13-*529,504* PC **E04**/MF **E01**

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PB85-185304 16-*535,942* PC **A02**/MF **A01**

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PB85-217685 22-*550,477* PC **E03**/MF **E01**

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DE85011814 19-*544,152* PC **A02**/MF **A01**

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PB85-115905 03-*505,792* PC **A16**/MF **A01**

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PB85-146850 08-*516,164* PC **A02**/MF **A01**

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PB85-180115 14-*532,120* PC **E07**/MF **E07**

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DE84702885 09-*520,328* PC **A02**/MF **A01**

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DE85750021 15-*533,439* PC **A04**/MF **A01**

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DE85780384 17-*538,260* PC **A02**/MF **A01**

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DE85781563 25-*557,855* PC **A06**/MF **A01**

CHROMIUM 52 TARGET

Evaluation of Neutron Inelastic Scattering Cross Sections for Chromium.
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DE84752161 09-*520,440* PC **A02**/MF **A01**

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CHROMIUM 53 TARGET

Evaluation of Neutron Inelastic Scattering Cross Sections for Chromium.
DE84702885 09-*520,328* PC **A02**/MF **A01**

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CHROMIUM 54 TARGET

Evaluation of Neutron Inelastic Scattering Cross Sections for Chromium.
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DE84017350 04-*509,405* PC **A02**/MF **A01**

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Influence of Silicon on Void Nucleation in Irradiated Alloys.
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N85-31232/0 23-*554,167* PC **A03**/MF **A01**

CHROMIUM CARBIDES

Effects of Silver and Group 2 Fluorides Addition to Plasma Sprayed Chromium Carbide High Temperature Solid Lubricant for Foil Gas Bearing to 650 Deg C.
N85-14928/4 09-*519,417* PC **A03**/MF **A01**

CHROMIUM COATINGS

Demonstration of NIOSH (National Institute for Occupational Safety and Health) Push-Pull Ventilation Criteria,
PB85-240562 25-*557,735* PC **A03**/MF **A01**

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DE84702323 09-*518,819* PC **A02**/MF **A01**

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DE85013542 23-*552,956* PC **A02**/MF **A01**

CHROMIUM/CYANOPHTHALOCYANINATO

Magnetic Exchange Interactions in the Linear Chain Chromium (III) Compounds Catena-Fluorophthalocyaninato chromium (III) and Catena-Cyanophthalocyaninato chromium (III).
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CHROMIUM/FLUOROPHTHALOCYANINATO

Magnetic Exchange Interactions in the Linear Chain Chromium (III) Compounds Catena-Fluorophthalocyaninato chromium (III) and Catena-Cyanophthalocyaninato chromium (III).
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Structure Studies on fp-Shell Nuclei.
DE85780654 15-*534,993* PC **A05**/MF **A01**

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PB85-184984
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Parallelized Point Successive Over-Relaxation Method on a Multiple Instruction Multiple Data Stream Computer.
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IPROP Three-Dimensional Beam Propagation Code,
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AD-A158 102/4 **24**-*555,510* PC **A13**/MF **A01**

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AD-B043 539/6 **10**-*522,896* PC **A21**/MF **A01**

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N84-33431/7 **01**-*502,774* PC **A05**/MF **A01**

Manual of Phosphoric Acid Fuel Cell Power Plant Cost Model and Computer Program.
N84-34037/1 **01**-*501,470* PC **A03**/MF **A01**

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N84-34184/1 **01**-*501,380* PC **A02**/MF **A01**

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N84-34187/4 **01**-*500,018* PC **A03**/MF **A01**

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N84-34576/8 **02**-*504,051* PC **A03**/MF **A01**

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Three Degree of Freedom Steady State Point Performance Program: Updated Version 1.
N85-10005/5 **03**-*505,295* PC **A15**/MF **A01**

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CREKID: A Computer Code for Transient, Gas-Phase Combustion of Kinetics.
N85-10068/3 **03**-*507,780* PC **A03**/MF **A01**

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N85-10645/8 **03**-*505,603* PC **A03**/MF **A01**

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N85-10677/1 **03**-*507,871* PC **A17**/MF **A01**

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N85-10680/5 **03**-*507,730* PC **A02**/MF **A01**

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N85-11378/5 **04**-*509,823* PC **A04**/MF **A01**

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N85-11456/9 **04**-*509,325* PC **A07**/MF **A01**

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N85-11563/2 **04**-*509,121* PC **A02**/MF **A01**

Sistema Sitim - Modulo Gerenciador (SITIM System: Object Manager Module).
N85-11564/0 **04**-*509,122* PC **A03**/MF **A01**

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SMP: A Solid Modeling Program.
N85-11570/7 **04**-*510,553* PC **A07**/MF **A01**

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N85-12585/4 **06**-*513,441* PC **A03**/MF **A01**

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N85-12586/2 **06**-*514,312* PC **A08**/MF **A01**

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N85-12808/0 **06**-*514,291* PC **A09**/MF **A01**

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N85-13376/7 **07**-*514,921* PC **A04**/MF **A01**

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N85-14801/3 **09**-*518,326* PC **A03**/MF **A01**

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N85-16181/8 **10**-*522,491* PC **A04**/MF **A01**

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N85-16663/5 **10**-*523,121* PC **A03**/MF **A01**

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N85-17662/6 **11**-*524,554* PC **A04**/MF **A01**

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N85-17936/4 **12**-*527,482* PC **A02**/MF **A01**

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N85-18612/0 **12**-*526,756* PC **A09**/MF **A01**

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N85-18955/3 **13**-*528,285* PC **A02**/MF **A01**

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N85-18958/7 **13**-*528,287* PC **A04**/MF **A01**

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N85-19360/5 **13**-*530,693* PC **A06**/MF **A01**

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N85-19733/3 **13**-*530,686* PC **A14**/MF **A01**

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N85-20267/7 **14**-*532,576* PC **A06**/MF **A01**

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N85-21686/9 **14**-*532,848* PC **A06**/MF **A01**

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N85-21696/8 **14**-*532,699* PC **A03**/MF **A01**

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N85-23069/6 **15**-*533,003* PC **A02**/MF **A01**

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N85-24527/2 **17**-*538,066* PC **A04**/MF **A01**

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N85-24812/8 **17**-*539,458* PC **A03**/MF **A01**

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N85-24991/0 **17**-*537,702* PC **A02**/MF **A01**

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N85-25165/0 **17**-*537,153* PC **A04**/MF **A01**

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N85-25202/1 **18**-*539,847* PC **A04**/MF **A01**

Investigation of Tethered Satellite System Dynamics.
N85-25375/5 **18**-*542,043* PC **A06**/MF **A01**

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N85-25929/9 **18**-*540,620* PC **A05**/MF **A01**

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N85-27164/1 **19**-*542,814* PC **A03**/MF **A01**

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N85-27584/0 **19**-*544,336* PC **A11**/MF **A01**

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N85-27824/0 **20**-*544,475* PC **A02**/MF **A01**

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N85-27825/7 **20**-*544,476* PC **A04**/MF **A01**

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N85-27867/9 **20**-*547,025* PC **A08**/MF **A01**

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N85-28261/4 **20**-*547,029* PC **A03**/MF **A01**

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N85-28372/9 **20**-*545,900* PC **A07**/MF **A01**

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N85-28449/5 **20**-*545,439* PC **A04**/MF **A01**

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N85-28506/2 **20**-*544,611* PC **A08**/MF **A01**

DEAN: A Program for Dynamic Engine Analysis.
N85-28945/2 **21**-*549,245* PC **A02**/MF **A01**

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N85-29412/2 **21**-*548,928* PC **A02**/MF **A01**

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N85-29605/1 **21**-*549,184* PC **A06**/MF **A01**

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N85-30242/0 **22**-*550,490* PC **A03**/MF **A01**

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N85-30366/7 **22**-*551,669* PC **A03**/MF **A01**

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N85-31009/2 **23**-*551,876* PC **A07**/MF **A01**

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N85-31011/8 **23**-*551,878* PC **A09**/MF **A01**

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N85-31058/9 **23**-*552,519* PC **A02**/MF **A01**

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N85-31449/0 **23**-*554,198* PC **A05**/MF **A01**

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N85-31851/7 **23**-*552,818* PC **A02**/MF **A01**

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N85-32092/7 **24**-*554,551* PC **A02**/MF **A01**

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N85-32111/5 **24**-*554,582* PC **A06**/MF **A01**

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N85-32119/8 **24**-*557,184* PC **A07**/MF **A01**

Development and Validation of a General Purpose Linearization Program for Rigid Aircraft Models.
N85-32122/2 **24**-*554,583* PC **A02**/MF **A01**

MPS Solidification Model. Analysis and Calculation of Macrosegregation in a Casting Ingot.
N85-32178/4 **24**-*555,785* PC **A05**/MF **A01**

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N85-32791/4 **24**-*555,539* PC **A04**/MF **A01**

Design of an Expert-System Flight Status Monitor.
N85-32794/8 **24**-*554,588* PC **A02**/MF **A01**

Use of the Computer Programs Para 80 to Study Results from Firing the Railgun Ergs-1M.
N85-33167/6 **26**-*562,076* PC **A03**/MF **A01**

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N85-33278/1 **26**-*561,023* PC **A04**/MF **A01**

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SAMCR: A Two-Dimensional Dynamic Finite Element Code for the Stress Analysis of Moving Cracks,
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PB85-108512 **02**-*502,904* PC **A04**/MF **A01**

Plotfile Appender,
PB85-109502 **03**-*506,159* PC **A02**/MF **A01**

Communications Software for Olympics Micromation Computer System,
PB85-109510 **03**-*506,160* PC **A04**/MF **A01**

AFOS (Automation of Field Operations and Services) Vector Graphic to Grid Point Program,
PB85-109544 **03**-*506,161* PC **A03**/MF **A01**

Fortran 77 Computer Program for Test Procedure Calculations of Vented Heaters,
PB85-109627 **03**-*506,617* PC **A04**/MF **A01**

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PB85-109668 **03**-*506,162* PC **A02**/MF **A01**

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PB85-109817 **03**-*506,164* PC **A03**/MF **A01**

Animation of AFOS (Automation of Field Operations and Services) Graphics,
PB85-109833 **03**-*506,165* PC **A03**/MF **A01**

AFOS (Automation of Field Operations and Services) Product Collective Program,
PB85-109841 **03**-*506,166* PC **A03**/MF **A01**

F-6 Monthly Climatic Summary Program for AFOS (Automation of Field Operations and Services),
PB85-109858 **02**-*502,952* PC **A02**/MF **A01**

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PB85-110401 **03**-*506,171* PC **A03**/MF **A01**

Inverted View of Software Development Tools.
PB85-111763 **02**-*503,838* Not available NTIS

Isentropic Objective Analysis,
PB85-112167 **03**-*506,175* PC **A02**/MF **A01**

Three Programs for Evaluating Bending Moments, Deflections and Shear Forces in Simply-Supported Uniform Bridge Decks under South African NA Loading NAB, NAD and NAS.
PB85-114536 **03**-*506,787* PC **E04**/MF **E01**

Syntax of Interactive Command Languages: A Framework for Design.
PB85-115657 **02**-*503,839* Not available NTIS

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PB85-118776 **03**-*506,840* Not available NTIS

TS-CAL: An Interactive Program for Time Series Operations - User's Manual,
PB85-123537 **04**-*509,147* PC **E04**/MF **E04**

SIMULA: Digital Controller Simulation Package.
PB85-134492 **05**-*511,513* PC **A06**/MF **A01**

TRAJ - Single Station Trajectory Plot,
PB85-135002 **06**-*512,780* PC **A02**/MF **A01**

CCOPY: A File Supply and Text Plant Utility on the R.A.L. (Rutherford Appleton Laboratory) HEP VAX Computers,
PB85-139509 **06**-*513,451* PC **E04**/MF **E04**

Directory of Computer Programs for Assessment of Radioactive Waste Disposal in Geological Formations.
PB85-159002 **10**-*522,708* PC **E15**/MF **E15**

Recherches sur les Processus de Monte-Carlo a Partir des Resultats Recents des Theories de la Complexite (Research on the Monte-Carlo Processes from Recent Results of Complexity Theories).
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Modeling Physics and Chemistry of Contaminant Transport in Three-Dimensional Unsaturated Groundwater Flow.
PB85-160653 **12**-*526,779* PC **A06**/MF **A01**

Graphics - An Anthology of Programs.
PB85-178838 **13**-*529,210* PC **A07**

Program to Simulate the Galton Quincunx.
PB85-197507 **17**-*538,343* Not available NTIS

Erfarenheter av Cray-1 (Experiences of Cray-1),
PB85-223865 **21**-*547,974* PC **E04**/MF **E01**

User's Manual for Using MASON: A Frequency Response Program Which Handles a System of Transfer Functions Described by a Signal Flow Graph,
PB85-227106 **22**-*550,261* PC **A06**/MF **A01**

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PB85-248110 **26**-*560,114* PC **A03**/MF **A01**

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COPPER 63 TARGET

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COPPER 64

Investigation of Copper Nuclei - Neutron Capture and Microscopic Calculation.
DE84702886 **09**-*520,329* PC **A05**/MF **A01**

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DE84702267 **03**-*507,482* PC **A02**/MF **A01**

COPPER 65 TARGET

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Investigation of Copper Nuclei. Neutron Capture and Microscopic Calculations.
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DE85751065 **21**-*548,166* PC **A02**/MF **A01**

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DE85006930 **13**-*530,544* PC **A02**/MF **A01**

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PB85-135739 **05**-*511,283* PC **A02**/MF **A01**

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AD-A158 434/1 **25**-*559,385* PC **A02**/MF **A01**

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Americium and Curium Total Half-Lives and for the Spontaneous Fission Branch.
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AD-A147 448/5 **03**-*505,819* PC **A02**/MF **A01**

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PAT-APPL-6-748 871 **24**-*555,259* PC **A02**/MF **A01**

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Soot and Radiation in Free Boundary Layer Flames.
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DE85002066 **04**-*508,819* PC **A05**/MF **A01**

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Synthesis and Structure Determination of 3,3,4,4-Tetrafluoro-N-methyl-2-(cis,s-trans-methyl-NNO-azoxy)-s-cis-1-cyclobutene-1-amine.
AD-A158 427/5 **25**-*557,885* PC **A02**/MF **A01**

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Remarkable Contrasteric, Electrocyclic Ring Opening of a Cyclobutene.
AD-A154 561/5 **18**-*540,302* PC **A02**/MF **A01**

CYCLOBUTENES

Remarkable Contrasteric, Electrocyclic Ring Opening of a Cyclobutene.
AD-A154 561/5 **18**-*540,302* PC **A02**/MF **A01**

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I. Mechanism of the Formation of Methylenecyclobutenone by the Flash Vacuum Pyrolysis of Ufrfuryl Benzoate. II. Chemistry of 2-Methylenebenzocyclobutenone and Indenone Prepared by the Flash Vacuum Pyrolysis of 3-Benzoyloxymethylbenzofuran.
DE85007088 **12**-*526,637* PC **A09**/MF **A01**

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Theoretical Assessment of a Variable Frequency Envelope Cycloconverter,
PB85-159283 **10**-*522,016* PC **E04**/MF **E04**

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AD-A147 678/7 **04**-*508,070* PC **A08**/MF **A01**

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AD-A150 108/9 **10**-*521,037* PC **A09**/MF **A01**

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Aquatic Toxicity of EA 4923.
AD-A146 868/5 **02**-*503,464* PC **A02**/MF **A01**

CYCLOHEXADIENE DIYLIDENE DIMALONONITRILES

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AD-A157 172/8 **23**-*552,474* PC **A02**/MF **A01**

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Moldable Electrically Conductive Polymer Compositions.
PAT-APPL-6-739 355 **26**-*560,524* PC **A02**/MF **A01**

CYCLOHEXADIENOL/NITRO
Ipso Nitration. Regiospecific Nitration via Ipso Nitration Products.
AD-A157 668/3 **24**-*555,257* PC **A02**/MF **A01**

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Ipso Nitration. Regiospecific Nitration via Ipso Nitration Products.
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CYCLOPENTANE COMPOUNDS
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(Vinyloxy)Chlorocyclotriphosphazenes.
PAT-APPL-6-605 317 **08**-*516,358* PC **A02**/MF **A01**

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(Vinyloxy)fluorocyclotriphosphazenes.
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CYCLOTRON INSTABILITY
Electrostatic Ion Cyclotron Instability due to a Nonuniform Electric Field Perpendicular to the External Magnetic Field.
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CYCLOTRON RADIATION
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AD-A145 893/4 01-*502,691* PC **A03**/MF **A01**

Study of the Critical Layer in a Rotating Liquid Payload.
AD-A145 094/8 01-*502,331* PC **A03**/MF **A01**

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High Reynolds Number Wave Force Investigation in a Wave Flume.
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AD-A157 866/5 24-*556,967* PC **A03**/MF **A01**

More Accurate Solution to the Elastic-Plastic Problem of Pressurized Thick-Walled Cylinders,
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Acoustic Radiation from Single and Double Ribbed Circular Cylindrical Shells.
AD-A148 771/9 06-*514,050* PC **A06**/MF **A01**

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N85-31559/6 23-*554,298* PC **A02**/MF **A01**

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PB85-119550 03-*507,742* PC **E08**/MF **E01**

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PB85-193621 17-*537,759* PC **A02**/MF **A01**

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PB85-193639 17-*537,760* PC **A02**/MF **A01**

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Habitat Suitability index Models: Spotted Seatrout,
PB85-225670 22-*550,062* PC **A03**/MF **A01**

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Geographic and Historic Variations in Growth of Weakfish, 'Cynoscion regalis', in the Middle Atlantic Bight,
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PB85-212439 19-*542,856* PC **E07**/MF **E07**

Nouveaux Agents Radioprotecteurs ayant une Structure Amino-Thioalkyle et Procede pour leur Preparation (Radioprotection of EMT6 Tumors by a New Class of Radioprotectors Based on a Pseudo-Peptide Cysteamine Combination),
PB85-216174 20-*544,941* PC **E04**/MF **E04**

Radioprotecteurs Potentiels en Series Organo-Germanies, -Siliciee et -Phosphoree (Potential Radioprotectors in Organo-Germanated -Siliciated and -Phosphorized Series),
PB85-247195 26-*560,464* PC **E03**/MF **E03**

CYSTEAMINE/METHYL

Radioprotecteurs Potentiels en Series Organo-Germanies, -Siliciee et -Phosphoree (Potential Radioprotectors in Organo-Germanated -Siliciated and -Phosphorized Series),
PB85-247195 26-*560,464* PC **E03**/MF **E03**

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AD-A154 616/7 18-*540,163* PC **A03**/MF **A01**

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CYSTICEROSIS

A Case of Subcutaneous and Cerebral Cysticercosis Treated with Praziquantel.
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CYSTS

A Case of Subcutaneous and Cerebral Cysticercosis Treated with Praziquantel.
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PB85-128189 05-*510,992* PC **A03**/MF **A01**

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PB85-163277 11-*523,852* PC **A02**/MF **A01**

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AD-A156 995/3 22-*549,716* PC **A02**/MF **A01**

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CYTOCHROMES

Application of Electron-Transfer Theory to Several Systems of Biological Interest.
DE85015835 26-*560,543* PC **A02**/MF **A01**

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Critical Review of Selected Topics on Biological Effects of Radiofrequency Radiation,
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AD-P004 726/6 19-*544,442* PC **A03**/MF **A01**

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AD-A147 155/6 02-*504,275* PC **A05**/MF **A01**

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AD-A147 156/4 02-*504,276* PC **A05**/MF **A01**

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AD-A147 157/2 02-*504,277* PC **A04**/MF **A01**

National Program for Inspection of Non-Federal Dams. Fernwood Lake Dam (MA 00184) Massachusetts Coastal Basin, Gloucester, Massachusetts. Phase I Inspection Report.
AD-A147 158/0 02-*504,278* PC **A06**/MF **A01**

National Program for Inspection of Non-Federal Dams. Longwater Pond Dam (MA 00171), Taunton River Basin, Easton, Massachusetts. Phase I Inspection Report.
AD-A147 170/5 02-*504,279* PC **A04**/MF **A01**

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AD-A147 171/3 02-*504,280* PC **A04**/MF **A01**

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AD-A154 334/7 17-*538,430* PC **A04**/MF **A01**

National Program for Inspection of Non-Federal Dams. Woods Pond (Valley Mill) Dam (MA 00731), Housatonic River Basin, Lee-Lenox, Massachusetts. Phase 1, Inspection Report.
AD-A154 368/5 17-*538,431* PC **A06**/MF **A01**

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AD-A154 424/6 17-*538,432* PC **A04**/MF **A01**

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AD-A154 431/1 17-*538,433* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Mill Pond Dam MA 00436, Merrimack River Basin, Ashland, Massachusetts. Phase 1, Inspection Report.
AD-A154 483/2 17-*538,441* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Laurel Lake Dam (MA 00263), Housatonic River Basin, Lee Massachusetts. Phase 1, Inspection Report.
AD-A154 492/3 17-*538,449* PC **A04**/MF **A01**

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AD-A154 497/2 17-*538,454* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Erikson Dam MA 00195, Assabet River Basin, Acton, Massachusetts. Phase 1 Inspection Report.
AD-A154 645/6 18-*541,074* PC **A04**/MF **A01**

National Program for Inspection of Non-Federal Dams. Goose Pond Dam (MA 00312). Housatonic River Basin, Tyringham, Massachusetts. Phase 1 Inspection Report.
AD-A154 653/0 18-*541,075* PC **A06**/MF **A01**

National Program for Inspection of Non-Federal Dams. Moody Street Dam (MA 00345), Massachusetts-Rhode Island Coastal Basin, Waltham, Massachusetts. Phase 1 Inspection Report.
AD-A154 668/8 18-*541,079* PC **A04**/MF **A01**

National Program for Inspection of Non-Federal Dams. Flying Pond Dam (ME-00299), Androscoggin River Basin, Mount Vernon, Maine. Phase 1 Inspection Report.
AD-A154 693/6 18-*541,083* PC **A04**/MF **A01**

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AD-A154 695/1 18-*541,084* PC **A06**/MF **A01**

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AD-A154 701/7 18-*541,087* PC **A04**/MF **A01**

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AD-A154 720/7 18-*541,091* PC **A05**/MF **A01**

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AD-A154 810/6 18-*541,101* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Reservoir Number 2 (MA 00338), Merrimack River Basin, Framingham, Massachusetts. Phase 1 Inspection Report.
AD-A154 891/6 18-*541,107* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Jackson Plant Dam NH 00121 NHWRB 165.02, Merrimack River Basin, Nashua, New Hampshire. Phase 1 Inspection Report.
AD-A154 898/1 18-*541,109* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Pondville Dam (MA 00197), Blackstone River Basin, Auburn, Massachusetts. Phase 1 Inspection Report.
AD-A154 903/9 18-*541,110* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Lyman Mill Pond (MA 00500), Connecticut River Basin, Southampton, Massachusetts. Phase 1 Inspection Report.
AD-A154 965/9 18-*541,113* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Sewalls Falls Dam (NH 00091), Merrimack River Basin, Concord, New Hampshire, Phase 1 Inspection Report.
AD-A155 014/4 18-*541,118* MF **A01**

National Program for Inspection of Non-Federal Dams. Water Loom Pond Dam (NH 00365) NHWRB 175.09, Merrimack River Basin, New Ipswich, New Hampshire. Phase 1 Inspection Report.
AD-A155 156/3 19-*543,361* MF **A01**

National Program for Inspection of Non-Federal Dams. Pembroke Dam (NH 00377) NHWRB 190.02, Merrimack River Basin, Allenstown-Pembroke, New Hampshire. Phase 1 Inspection Report.
AD-A155 157/1 19-*543,362* MF **A01**

National Program for Inspection of Non-Federal Dams. Granite Lake Dam (NH 00336) NHWRB 166.02, Connecticut River Basin, Nelson, New Hampshire. Phase 1 Inspection Report.
AD-A155 172/0 19-*543,363* MF **A01**

National Program for Inspection of Non-Federal Dams. Paradise Pond Dam (MA 00754), Connecticut River Basin, Northampton, Massachusetts. Phase 1 Inspection Report.
AD-A155 235/5 19-*543,368* PC **A06**/MF **A01**

National Program for Inspection of Non-Federal Dams. Kelleys Falls Dam (NH 00299, NHWRB no. 150.02). Merrimack River Basin, Manchester, New Hampshire. Phase 1 Inspection Report.
AD-A155 249/6 19-*543,369* MF **A01**

National Program for Inspection of Non-Federal Dams. Upper Ammonoosuc Dam (NH 00370) NHWRB 182.04, Connecticut River Basin, Northumberland, New Hampshire. Phase 1 Inspection Report.
AD-A155 263/7 19-*543,370* MF **A01**

National Program for Inspection of Non-Federal Dams. Pine Island Lake Dam and Dike - Dam (MA 00595) Dike (MA 00596) Connecticut River Basin, Westhampton, Massachusetts. Phase 1 Inspection Report.
AD-A155 321/3 19-*543,371* MF **A01**

National Program for Inspection of Non-Federal Dams. Lake Wyola (MA 00510), Connecticut River Basin, Shutesbury, Massachusetts. Phase 1 Inspection Report.
AD-A155 335/3 19-*543,373* MF A01

National Program for Inspection of Non-Federal Dams. Robinson Pond Dam (MA 00670), French River Basin, Oxford, Massachusetts. Phase 1 Inspection Report.
AD-A155 361/9 19-*543,375* MF A01

National Program for Inspection of Non-Federal Dams. Pembroke Cottage Main Dam (ME 00294) and East Dam (ME 00721), Pennamaquan River Basin, Pembroke, Maine. Phase 1 Inspection Report.
AD-A155 370/0 19-*543,376* MF A01

National Program for Inspection of Non-Federal Dams. Little River Upper Dam (ME 00289), Atlantic Ocean, Belfast, Maine. Phase 1 Inspection Report.
AD-A155 372/6 19-*543,379* MF A01

National Program for Inspection of Non-Federal Dams. Sleeper Dam (ME 00014) Androscoggin River Basin, Sabattus, Maine. Phase 1 Inspection Report.
AD-A155 374/2 19-*543,380* MF A01

National Program for Inspection of Non-Federal Dams. White Reservoir Dam (MA 00606), Connecticut River Basin, Southampton, Massachusetts. Phase 1 Inspection Report.
AD-A155 380/9 19-*543,384* MF A01

National Program for Inspection of Non-Federal Dams. Russell Mill Pond (MA 01219), Merrimack River Basin, Chelmsford, Massachusetts. Phase 1 Inspection Report.
AD-A155 384/1 19-*543,386* MF A01

National Program for Inspection of Non-Federal Dams. J. A. Wells Upper Dam (MA 01268), Connecticut River Basin, Charlemont, Massachusetts. Phase 1 Inspection Report.
AD-A155 387/4 19-*543,389* MF A01

National Program for Inspection of Non-Federal Dams. Zero Manufacturing Company Dam (MA 00551). Connecticut River Basin, Monson, Massachusetts. Phase 1 Inspection Report.
AD-A155 397/3 19-*543,393* MF A01

National Program for Inspection of Non-Federal Dams. Blue Hills Reservoir (MA 00626), Massachusetts/Rhode Island Coastal Basin, Quincy, Massachusetts. Phase 1 Inspection Report.
AD-A155 439/3 19-*543,396* MF A01

National Program for Inspection of Non-Federal Dams. Hunts Pond Dam (MA 00634), Connecticut River Basin, Winchendon, Massachusetts. Phase 1 Inspection Report.
AD-A155 454/2 19-*543,398* MF A01

National Program for Inspection of Non-Federal Dams. Collinsville Dam (MA 00639), Merrimack River Basin, Dracut, Massachusetts. Phase 1 Inspection Report.
AD-A155 494/8 19-*543,404* PC A06/MF A01

National Program for Inspection of Non-Federal Dams. Vistron Dam (MA 00759), Connecticut River Basin, Northampton, Massachusetts. Phase 1 Inspection Report.
AD-A155 503/6 19-*543,413* MF A01

National Program for Inspection of Non-Federal Dams. Country Club (MA 00756), Connecticut River Basin, Northampton, Massachusetts. Phase 1 Inspection Report.
AD-A155 534/1 19-*543,422* MF A01

National Program for Inspection of Non-Federal Dams. Bird Pond Dam (MA 00604), Neponset River Basin, Walpole, Massachusetts. Phase 1 Inspection Report.
AD-A155 576/2 19-*543,426* MF A01

National Program for Inspection of Non-Federal Dams. Roberts Meadow Upper Reservoir Dam (MA 00760). Connecticut River Basin,Northampton, Massachusetts. Phase 1 Inspection Program.
AD-A155 653/9 19-*543,445* MF A01

National Program for Inspection of Non-Federal Dams. Woronoco Mills (60 Feet) Dam MA 00738, Woronoco Mills (29 Feet) Dam MA 00737, Connecticut River Basin, Russell, Massachusetts. Phase 1 Inspection Report.
AD-A155 655/4 19-*543,446* MF A01

National Program for Inspection of Non-Federal Dams. Chartpak Dam MA 00758, Connecticut River Basin, Northampton, Massachusetts. Phase 1 Inspection Report.
AD-A155 661/2 19-*543,447* PC A05/MF A01

National Program for Inspection of Non-Federal Dams. Lancaster Millpond Dam MA 00867, Merrimack River Basin, Clinton, Massachusetts. Phase 1 Inspection Report.
AD-A155 663/8 19-*543,449* PC A04/MF A01

National Program for Inspection of Non-Federal Dams. Whitmans Pond Dam (MA 00775), Weymouth River Basin, Weymouth, Massachusetts. Phase 1 Inspection Report.
AD-A155 695/0 19-*543,453* MF A01

National Program for Inspection of Non-Federal Dams. Pleasant Street Dam (MA 00838), Merrimack River Basin, Dracut, Massachusetts. Phase 1 Inspection Report.
AD-A155 701/6 19-*543,458* PC A06/MF A01

National Program for Inspection of Non-Federal Dams. McTaggarts Pond Dam (MA 00879), Nashua River Basin, Fitchburg, Massachusetts. Phase 1 Inspection Report.
AD-A155 702/4 19-*543,459* MF A01

National Program for Inspection of Non-Federal Dams. Wilson Pond Dam (ME 00121), Kennebec - Androscoggin River Basin, Wilton, Maine. Phase 1 Inspection Program.
AD-A155 707/3 19-*543,463* PC A04/MF A01

National Program for Inspection of Non-Federal Dams. Linwood Pond Dam (MA 00896), Blackstone River Basin, Northbridge, Massachusetts. Phase 1 Inspection Program.
AD-A155 710/7 19-*543,466* MF A01

National Program for Inspection of Non-Federal Dams. Mt. Holyoke College Upper Dam (MA 00583) Connecticut River Basin, South Hadley, Massachusetts. Phase 1 Inspection Report.
AD-A155 731/3 19-*543,469* MF A01

National Program for Inspection of Non-Federal Dams. Goodall-Sanford Dam (ME-00185), Mousam River Basin, Sanford, Maine. Phase 1 Inspection Report.
AD-A155 744/6 19-*543,474* PC A05/MF A01

National Program for Inspection of Non-Federal Dams. Waverly Dam (ME 00111), Kennebec River Basin, Pittsfield, Maine. Phase 1 Inspection Report.
AD-A155 746/1 19-*543,475* PC A04/MF A01

National Program for Inspection of Non-Federal Dams. Quinapoxet Reservoir Dam (MA 00829), Merrimack River Basin, Holden, Massachusetts. Phase I Inspection Report.
AD-A155 770/1 21-*548,300* PC A04/MF A01

National Program for Inspection of Non-Federal Dams. Chases Pond Dam (ME 00188), Southern Maine Coastal Basin, York, Maine. Phase I Inspection Report.
AD-A155 772/7 21-*548,301* PC A04/MF A01

National Program for Inspection of Non-Federal Dams. Kettle Brook Reservoir Number 3 MA 00976, Blackstone River Basin, Leicester, Massachusetts. Phase I Inspection Report.
AD-A155 783/4 21-*548,302* PC A05/MF A01

National Program for Inspection of Non-Federal Dams. Sargent Pond Dam MA 00986, Thames River Basin, Leicester, Massachusetts. Phase I Inspection Report.
AD-A155 784/2 21-*548,303* PC A05/MF A01

National Program for Inspection of Non-Federal Dams. Mancheug Pond Dam MA 00955, Blackstone River Basin, Sutton, Massachusetts. Phase I Inspection Report.
AD-A155 785/9 21-*548,304* MF A01

National Program for Inspection of Non-Federal Dams. Crescent Street Dam MA 00934. Connecticut River Basin, Athol, Massachusetts. Phase I Inspection Report.
AD-A155 786/7 21-*548,305* MF A01

National Program for Inspection of Non-Federal Dams. Roaring Brook Dam MA 01056, Connecticut River Basin, Conway, Massachusetts. Phase I Inspection Report.
AD-A155 787/5 21-*548,306* PC A05/MF A01

National Program for Inspection of Non-Federal Dams. Lost Wilderness Lake Northern Dam MA 01059, Farmington River Basin, Tolland, Massachusetts. Phase I Inspection Report.
AD-A155 788/3 21-*548,307* PC A05/MF A01

National Program for Inspection of Non-Federal Dams. Stiles Reservoir Dam MA 00963, French River Basin, Leicester, Massachusetts. Phase I Inspection Report.
AD-A155 789/1 21-*548,308* PC A05/MF A01

National Program for Inspection of Non-Federal Dams. Waban Hill Reservoir Dam MA 01111, Charles River Basin, Newton, Massachusetts. Phase I Inspection Report.
AD-A155 790/9 21-*548,309* PC A04/MF A01

National Program for Inspection of Non-Federal Dams. Holden Reservoir Number 1 Dam MA 00960, Blackstone River Basin, Holden, Massachusetts. Phase I Inspection Report.
AD-A155 791/7 21-*548,310* PC A04/MF A01

National Program for Inspection of Non-Federal Dams. Lovejoy Pond Dam ME-00022, Androscoggin River Basin, North Wayne, Maine. Phase I Inspection Report.
AD-A155 792/5 21-*548,311* PC A04/MF A01

National Program for Inspection of Non-Federal Dams. Pioneer Dam ME 00110, Kennebec River Basin, Pittsfield, Maine. Phase I Inspection Report.
AD-A155 793/3 21-*548,312* PC A05/MF A01

National Program for Inspection of Non-Federal Dams. Main Street Dam ME 00114, Kennebec River Basin, Newport, Maine. Phase I Inspection Report.
AD-A155 794/1 21-*548,313* PC A06/MF A01

National Program for Inspection of Non-Federal Dams. Cherryfield Dam ME-00061, Narraguagus River Basin, Cherryfield, Maine. Phase I Inspection Report.
AD-A155 795/8 21-*548,314* PC A05/MF A01

National Program for Inspection of Non-Federal Dams. Sebec Dam ME 00163, Penobscot River Basin, Sebec, Maine. Phase I Inspection Report.
AD-A155 796/6 21-*548,315* MF A01

National Program for Inspection of Non-Federal Dams. Little River Lower Dam ME 00288, State Number 5090, Atlantic Ocean, Belfast, Maine. Phase I Inspection Report.
AD-A155 797/4 21-*548,316* PC A04/MF A01

National Program for Inspection of Non-Federal Dams. Wachusett Reservoir Dam MA 00866, Wachusett Reservoir Dike MA 01294, Merrimack River Basin, Clinton, Massachusetts. Phae I Inspection Report.
AD-A155 798/2 21-*548,317* PC A12/MF A01

National Program for Inspection of Non-Federal Dams. Goose Cove Reservoir Dams & Dikes, North Dam MA 01098, Northwest Dike MA 01099, South Dam MA 00163 and Southwest Dike MA 01100, Annisquam River Basin, Gloucester, Massachusetts. Phase I Inspection Report.
AD-A155 799/0 21-*548,318* PC A07/MF A01

National Program for Inspection of Non-Federal Dams. Strangman Pond Dam (MA 01097) Annisquam River Basin, Gloucester, Massachusetts. Phase I Inspection Report.
AD-A155 800/6 21-*548,319* PC A04/MF A01

National Program for Inspection of Non-Federal Dams. Lester G. Ross Dam (MA 01229) Merrimack River Basin, Berlin, Massachusetts. Phase I Inspection Report.
AD-A155 801/4 21-*548,320* PC A05/MF A01

National Program for Inspection of Non-Federal Dams. Aziscohos Dam (ME-00024) and Abbott Brooke Dike (ME-00424) Androscoggin River Basin, Wilsons Mills, Maine. Phase I Inspection Report.
AD-A155 802/2 21-*548,321* PC A06/MF A01

National Program for Inspection of Non-Federal Dams. Lake Auburn Dam (ME-00019) Androscoggin River Basin, Auburn, Maine. Phase I Inspection Report.
AD-A155 803/0 21-*548,322* PC A05/MF A01

National Program for Inspection of Non-Federal Dams. Athol Manufacturing Dam (MA 00932) Connecticut River Basin, Athol, Massachusetts. Phase I Inspection Report.
AD-A155 804/8 21-*548,323* PC A05/MF A01

National Program for Inspection of Non-Federal Dams. Pierce Pond Dam (MA 00883) Merrimack River Basin, Leominster, Massachusetts. Phase I Inspection Report.
AD-A155 806/3 21-*548,324* PC A05/MF A01

National Program for Inspection of Non-Federal Dams. Ames Pond Dam (MA 01006) Dike A (MA 01296) Merrimack River Basin, Tewksbury, Massachusetts. Phase I Inspection Report.
AD-A155 808/9 21-*548,325* MF A01

National Program for Inspection of Non-Federal Dams. Highland Lake Dam (ME 00078) Presumpscot River Basin, Bridgeton, Maine. Phase I Inspection Report.
AD-A155 809/7 21-*548,326* PC A04/MF A01

National Program for Inspection of Non-Federal Dams. Cobbosseecontee Lake Dam (ME 00096) State No. 0418, Kennebec River Basin, Manchester, Maine. Phase I Inspection Report.
AD-A155 810/5 21-*548,327* PC A05/MF A01

National Program for Inspection of Non-Federal Dams. Rosemary Lake Dam (MA 01112) Charles River Basin, Needham, Massachusetts. Phase I Inspection Report.
AD-A155 811/3 21-*548,328* PC A04/MF A01

National Program for Inspection of Non-Federal Dams. Chase Mill Dam (ME-00335), East Machias River Basin, East Machias, Maine. Phase I Inspection Report.
AD-A155 820/4 21-*548,329* PC A04/MF A01

National Program for Inspection of Non-Federal Dams. Shelburne Falls Fire District Reservoir Dam MA 00462, Connecticut River Basin, Colrain, Massachusetts. Phase I Inspection Report.
AD-A155 985/5 21-*548,333* MF A01

National Program for Inspection of Non-Federal Dams. Baker Pond Dam VT 00135, Richelieu River Basin, Brookfield, Vermont. Phase I Inspection Report.
AD-A155 992/1 21-*548,335* MF A01

National Program for Inspection of Non-Federal Dams. Colton Pond Dam VT 00114, Connecticut River Basin, Sherburne, Vermont. Phase I Inspection Report.
AD-A155 993/9 21-*548,336* PC A04/MF A01

National Program for Inspection of Non-Federal Dams. Connecticut Groveton Dam N.H. 00147, Connecticut River Basin, Northumberland, New Hampshire. Phase I Inspection Report.
AD-A155 994/7 21-*548,337* MF A01

National Program for Inspection of Non-Federal Dams. Rochester Reservoir Dam NH 00152 NHWRB Number 204.13, Coastal Basin, Rochester, New Hampshire. Phase I Inspection Report.
AD-A155 996/2 21-*548,338* MF A01

National Program for Inspection of Non-Federal Dams. Upper Groveton Dam N.H. 00148, Connecticut River Basin, Groveton, New Hampshire. Phase I Inspection Report.
AD-A155 998/8 21-*548,339* MF A01

National Program for Inspection of Non-Federal Dams. New Dam NH - 00126, Piscataqua River Basin, Somersworth, New Hampshire. Phase I Inspection Report.
AD-A155 999/6 21-*548,340* MF A01

National Program for Inspection of Non-Federal Dams. Mascoma Lake Dam NH 00153, NHWRB 134.01, Connecticut River Basin, Lebanon, New Hampshire. Phase I Inspection Report.
AD-A156 000/2 21-*548,341* MF A01

National Program for Inspection of Non-Federal Dams. Sucker Brook Dam (VT 00212), Richelieu River Basin, Town of Salisbury, Addison County, Vermont. Phase I Inspection Report.
AD-A156 009/3 21-*548,343* MF A01

National Program for Inspection of Non-Federal Dams. Mackville Dam (VT 00245), Richelieu River Basin, Hardwick, Vermont. Phase I Inspection Report.
AD-A156 010/1 21-*548,344* MF A01

National Program for Inspection of Non-Federal Dams. Norwich Reservoir Dam (VT 00157) (VTDWR 146-1), Con-

necticut River Basin, Norwich, Connecticut. Phase I Inspection Report.
AD-A156 011/9 21-548,345 MF A01

National Program for Inspection of Non-Federal Dams. Gale Meadows Dam (VT 00115), Gale Meadows Dike (VT 00274), Connecticut River Basin. Town of Londonderry, Windham County, Vermont. Phase I Inspection Report.
AD-A156 013/5 21-548,346 MF A01

National Program for Inspection of Non-Federal Dams. Marshfield Number 6 Dam (VT 00048), Richelieu River Basin, Cabot, Vermont. Phase I Inspection Report.
AD-A156 014/3 21-548,347 MF A01

National Program for Inspection of Non-Federal Dams. Indian Brook Dam (VT 00055), Richelieu River Basin, Essex Junction, Vermont. Phase I Inspection Report.
AD-A156 015/0 21-548,348 MF A01

National Program for Inspection of Non-Federal Dams. Pleasant Valley Reservoir Dam (VT 00064), Connecticut River Basin, Brattleboro, Vermont. Phase I Inspection Report.
AD-A156 016/8 21-548,349 MF A01

National Program for Inspection of Non-Federal Dams. Georgiaville Pond Dam (RI 03108), Woonasquatucket River Basin, Smithfield, Rhode Island. Phase I Inspection Report.
AD-A156 018/4 21-548,350 MF A01

National Program for Inspection of Non-Federal Dams. James V. Turner Dam (RI 01002), Narragansett Bay Basin, East Providence, Rhode Island. Phase I Inspection Report.
AD-A156 019/2 21-548,351 MF A01

National Program for Inspection of Non-Federal Dams. Jewell Brook Dam Site Number 2 (VT 00015), Connecticut River Basin, Ludlow, Vermont. Phase I Inspection Report.
AD-A156 020/0 21-548,352 MF A01

National Program for Inspection of Non-Federal Dams. Silver Lake Dam (VT 00065), Connecticut River Basin, Barnard, Vermont. Phase I Inspection Report.
AD-A156 021/8 21-548,353 MF A01

National Program for Inspection of Non-Federal Dams. Knapp Brook Site Number 1 (VT 00076), Connecticut River Basin, Cavendish, Vermont. Phase I Inspection Report.
AD-A156 022/6 21-548,354 MF A01

ational Program for Inspection of Non-Federal Dams. Sugar Hill Dam (VT 00176), Richelieu River Basin, Town of Goshen, Addison County, Vermont. Phase I Inspection Report.
AD-A156 023/4 21-548,355 MF A01

ational Program for Inspection of Non-Federal Dams. Dole Reservoir Dam & Dike (NH 00143), & (NH 00483), NHWRB Number 47.17, Connecticut River Basin, Claremont, New Hampshire. Phase I Inspection Report.
D-A156 106/7 21-548,358 MF A01

ational Program for Inspection of Non-Federal Dams. Childs Bog Dam (NH 00096), State Number 109.13, Connecticut River Basin, Harrisville, New Hampshire. Phase I Inspection Report.
D-A156 107/5 21-548,359 MF A01

ational Program for Inspection of Non-Federal Dams.
Chesham Pond Dam (NH 00063), State Number 109.02,
Connecticut River Basin, Harrisville, New Hampshire.
Phase I Inspection Report.
-A156 109/1 21-548,360 MF A01

tional Program for Inspection of Non-Federal Dams.
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08.05, Connecticut River Basin, Hanover, New Hamp-
hire. Phase I Inspection Report.
A156 110/9 21-548,361 MF A01

ional Program for Inspection of Non-Federal Dams,
ake Gloriette Dam and Dike (NH00171 & 00168). Con-
ecticut River Basin, Dixville, New Hampshire. Phase I In-
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A156 123/2 21-548,362 MF A01

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ashua, New Hampshire. Phase I Inspection Report.
A156 125/7 21-548,363 MF A01

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rrimack, New Hampshire. Phase I Inspection Report.
156 127/3 21-548,364 MF A01

nal Program for Inspection of Non-Federal Dams. Tex-
Printing Co. (Upper) Dam (MA00560), Connecticut
er Basin, Palmer, Massachusetts. Phase I Inspection
port.
156 142/2 21-548,365 MF A01

nal Program for Inspection of Non-Federal Dams. Ice
d Dam (NH00145), Connecticut River Basin, Littleton,
Hampshire. Phase I Inspection Report.
56 143/0 21-548,366 MF A01

al Program for Inspection of Non-Federal Dams.
e Reservoir Dam (NH 00095), NHWRB 109.12, Con-
cut River Basin, Harrisville, New Hampshire. Phase I
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56 147/1 21-548,367 MF A01

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r Dam (NH 00129), NHWRB 222.01, Connecticut River Basin, Stewartstown, New Hampshire. Phase I Inspection Report.
AD-A156 148/9 21-548,368 MF A01

National Program for Inspection of Non-Federal Dams. Seaver Reservoir Dam (NH 00094), State Number 109.11, Connecticut River Basin, Harrisville, New Hampshire. Phase I Inspection Report.
AD-A156 149/7 21-548,369 MF A01

National Program for Inspection of Non-Federal Dams. Tilton Town Dam (NH 00151), Merrimack River Basin, Tilton, New Hampshire. Phase I Inspection Report.
AD-A156 184/4 21-548,375 MF A01

National Program for Inspection of Non-Federal Dams. Millville Reservoir Dam (NH 00030) (NHWRF209.08) Merrimack River Basin, Salem, New Hampshire. Phase I Inspection Report.
AD-A156 221/4 21-548,377 MF A01

National Program for Inspection of Non-Federal Dams. China Dam (NH 00023) (NHWRB 190.01) Merrimack River Basin, Allenstown-Pembroke, New Hampshire. Phase I Inspection Report.
AD-A156 223/0 21-548,378 MF A01

National Program for Inspection of Non-Federal Dams. Diamond International Corporation, Upper Dam (MA 00562) Connecticut River Basin, Palmer, Massachusetts. Phase I Inspection Report.
AD-A156 225/5 21-548,380 MF A01

National Program for Inspection of Non-Federal Dams. Ammonoosuc River Dam (NH 00061) (NHWRB Number 17.02). Connecticut River Basin Bath, New Hampshire. Phase I Inspection Report.
AD-A156 235/4 21-548,383 MF A01

National Program for Inspection of Non-Federal Dams. Wolcott Dam (VT 00179), Richelieu River Basin, Wolcott, Vermont. Phase I Inspection Report.
AD-A156 254/5 21-548,388 MF A01

National Program for Inspection of Non-Federal Dams. Nichols Pond Dam (VT 00184), Richelieu River Basin, Woodbury, Vermont. Phase I Inspection Report.
AD-A156 255/2 21-548,389 MF A01

National Program for Inspection of Non-Federal Dams. Woodward Reservoir Dam (VT 00209), Connecticut River Basin, Plymouth, Vermont. Phase I Inspection Report.
AD-A156 256/0 21-548,390 MF A01

National Program for Inspection of Non-Federal Dams. Crystal Lake Dam (VT 00008), Lake Memphremagog Basin, Barton, Vermont. Phase I Inspection Report.
AD-A156 257/8 21-548,391 MF A01

National Program for Inspection of Non-Federal Dams. Sprague Upper Reservoir Dam (RI 03105), Providence River Basin, Smithfield, Rhode Island. Phase I Inspection Report.
AD-A156 258/6 21-548,392 MF A01

National Program for Inspection of Non-Federal Dams. Grand Lake Dam (ME 00180), Penobscot River Basin, Grand Lake Matagamon. Phase I Inspection Report.
AD-A156 265/1 21-548,395 MF A01

National Program for Inspection of Non-Federal Dams. Lower Lisbon Dam (NH 00144), Connecticut River Basin, Lisbon, New Hampshire. Phase I Inspection Report.
AD-A156 267/7 21-548,396 MF A01

National Program for Inspection of Non-Federal Dams. Claremont Paper Company Dam (NH 00139) State Number 47.06, Connecticut River Basin, Claremont, New Hampshire. Phase I Inspection Report.
AD-A156 268/5 21-548,397 MF A01

National Program for Inspection of Non-Federal Dams. Otis Company Dam Number 1 (NH 00041), NHWRB 101.01, Merrimack River Basin, Greenville, New Hampshire. Phase I Inspection Report.
AD-A156 269/3 21-548,398 MF A01

National Program for Inspection of Non-Federal Dams. Lake Skatutakee Dam (NH 00066), (NHWRB 109.10), Merrimack River Basin, Harrisville, New Hampshire. Phase I Inspection Report.
AD-A156 270/1 21-548,399 MF A01

National Program for Inspection of Non-Federal Dams. Badger Pond Dam (NH 00065), State No. 21.02 Merrimack River Basin, Belmont, New Hampshire. Phase I Inspection Report.
AD-A156 276/8 21-548,401 MF A01

National Program for Inspection of Non-Federal Dams. Campton Pond Dam (N.H. 00130) Merrimack River, Basin, Campton, New Hampshire. Phase I Inspetion Report.
AD-A156 287/5 21-548,407 MF A01

National Program for Inspection of Non-Federal Dams, Lake Anasagunticook Dam (ME 00434), Androscoggin River Basin, Canton, Maine. Phase I Inspection Report.
AD-A156 319/6 21-548,411 MF A01

National Program for Inspection of Non-Federal Dams. Mollywocket Brook Dam (NH 00076), Androscoggin River Basin, Success, New Hampshire. Phase I Inspection Report.
AD-A156 320/4 21-548,412 MF A01

National Program for Inspection of Non-Federal Dams. Errol Dam (NH 00161), NHWRB 80.01, Androscoggin River Basin, Errol, New Hampshire. Phase I Inspection Report.
AD-A156 321/2 21-548,413 MF A01

National Program for Inspection of Non-Federal Dams. Ryegate Paper Company Dam (NH 00014), State Number 17.01, Connecticut River Basin, Bath, New Hampshire. Phase I Inspection Report.
AD-A156 338/6 21-548,414 MF A01

National Program for Inspection of Non-Federal Dams. Aaron River Dam (MA 01260), Massachusetts Coastal Basin, Cohasset, Massachusetts. Phase I Inspection Report.
AD-A156 340/2 21-548,416 MF A01

National Program for Inspection of Non-Federal Dams. Sennebec Pond Dam (ME 00246), Central Maine Coastal Basin, Union, Maine. Phase I Inspection Report.
AD-A156 341/0 21-548,417 MF A01

National Program for Inspection of Non-Federal Dams. Supply Pond Dam (NH 00123), NHWRB 165.06, Merrimack River Basin, Nashua, New Hampshire. Phase I Inspection Report.
AD-A156 342/8 21-548,418 MF A01

National Program for Inspection of Non-Federal Dams. Cummings Dam (NH 00154), State Number 134.06, Connecticut River Basin, Lebanon, New Hampshire. Phase I Inspection Report.
AD-A156 343/6 21-548,419 MF A01

National Program for Inspection of Non-Federal Dams. Suncook Lake Dam (NH 00013), State Number 14.03, Merrimack River Basin, Barnstead, New Hampshire. Phase I Inspection Report.
AD-A156 345/1 21-548,421 MF A01

National Program for Inspection of Non-Federal Dams. Eastman Lake Dam (HN 00039), (NHWRB 97.04), Connecticut River Basin, Grantham, New Hampshire. Phase I Inspection Report.
AD-A156 365/9 21-548,424 MF A01

National Program for Inspection of Non-Federal Dams. Rocky Lake Dams (ME 00399) Orange River Basin, Whiting, Maine. Phase I Inspection Report.
AD-A156 367/5 21-548,425 MF A01

National Program for Inspection of Non-Federal Dams. Vilas Pool Dam (NH 00009) Connecticut River Basin, Alstead, New Hampshire. Phase I Inspection Report.
AD-A156 369/1 21-548,427 MF A01

National Program for Inspection of Non-Federal Dams. Lake Abeniki Dam (NH 00173), State Number 65.03, Connecticut River Basin, Dixville, New Hampshire. Phase I Inspection Report.
AD-A156 371/7 21-548,428 MF A01

National Program for Inspection of Non-Federal Dams. Bethlehem Dam (NH 00279), Connecticut River Basin, Bethlehem, New Hampshire. Phase I Inspection Report.
AD-A156 373/3 21-548,429 MF A01

National Program for Inspection of Non-Federal Dams. Ashuelot River Dam (NH 00100), (NHWRB 126.01), Connecticut River Basin, Keene, New Hampshire. Phase I Inspection Report.
AD-A156 374/1 21-548,430 MF A01

National Program for Inspection of Non-Federal Dams. Pierce Power Dam, (NH 00250), State Number 22.04, Merrimack River Basin, Bennington, New Hampshire. Phsae I Inspection Report.
AD-A156 375/8 21-548,431 MF A01

National Program for Inspection of Non-Federal Dams. Chase Pond Dam (NH 00255), NHWRB Number 253.02, Merrimack River Basin, Wilmot, New Hampshire. Phase I Inspection Report.
AD-A156 378/2 21-548,433 MF A01

National Program for Inspection of Non-Federal Dams. Ward Dam (NH 00262), NHWRB 254.16, Merrimack River Basin, West Wilton, New Hampshire. Phase I Inspection Report.
AD-A156 382/4 21-548,434 MF A01

National Program for Inspection of Non-Federal Dams. Rice Reservoir Dam (NH 00141), State Number 47.14, Connecticut River Basin, Claremont, New Hampshire. Phase I Inspection Report.
AD-A156 383/2 21-548,435 MF A01

National Program for Inspection of Non-Federal Dams. Great East Lake Dam (NH 00111) (NHWRB Number 241.14) Piscataqua River Basin, Wakefield, New Hampshire. Phase I Inspection Report.
AD-A156 384/0 21-548,436 MF A01

National Program for Inspection of Non-Federal Dams. Filtrine Dam (NH 00067) State Number 109.14, Merrimack River Basin, Harrisville, New Hampshire. Phase I Inspection Report.
AD-A156 385/7 21-548,437 MF A01

National Program for Inspection of Non-Federal Dams. Monadnock Power Station Dam (NH 00249) State Number 22.03, Merrimack River, Bennington, New Hampshire. Phase I Inspection Report.
AD-A156 386/5 21-548,438 MF A01

National Program for Inspection of Non-Federal Dams. Smith Pond Dam (NH 00073) State Number 77.12, Connecticut River Basin, Enfield New Hampshire. Phase I Inspection Report.
AD-A156 387/3 21-548,439 MF A01

National Program for Inspection of Non-Federal Dams. Paper Mill Dam (NH 00251) State Number 22.06, Merrimack River Basin, Bennington, New Hampshire. Phase I Inspection Report.
AD-A156 388/1 21-548,440 MF A01

National Program for Inspection of Non-Federal Dams. International Packings Corporation Upper Dam (NH-00315) Merrimack River Basin, Bristol, New Hampshire. Phase I Inspection Report.
AD-A156 389/9 21-*548,441* MF **A01**

National Program for Inspection of Non-Federal Dams. Dan Hole Pond Dam (NH 00376) (NHWRB 188.01), Saco River Basin, Ossipee, New Hampshire. Phase I Inspection Report.
AD-A156 398/0 21-*548,444* MF **A01**

National Program for Inspection of Non-Federal Dams. Mine Falls Dam (NH 00116) (NHWRB 165.01) Merrimack River Basin, Nashua, New Hampshire. Phase I Inspection Report.
AD-A156 404/6 21-*548,449* MF **A01**

National Program for Inspection of Non-Federal Dams. Sunapee Lake Town Dam (NH 00108), (NHWRB 229.06), Connecticut River Basin, Sunapee, New Hampshire. Phase I Inspection Report.
AD-A156 406/1 21-*548,451* MF **A01**

National Program for Inspection of Non-Federal Dams. Abbott Memorial Trust Dam (NH 00260) (NHWRB 254.05) Merrimack River Basin, Wilton, New Hampshire. Phase I Inspection Report.
AD-A156 410/3 21-*548,453* MF **A01**

National Program for Inspection of Non-Federal Dams. Mascoma Dam, (NH 00155), NHWRB 134.09, Connecticut River Basin, Lebanon, New Hampshire. Phase I Inspection Report.
AD-A156 411/1 21-*548,454* MF **A01**

National Program for Inspection of Non-Federal Dams. Berry Brook Dam, (NH 00313), State Number 83.06, Piscataqua River Basin, Farmington, New Hampshire. Phase I Inspection Report.
AD-A156 412/9 21-*548,455* MF **A01**

National Program for Inspection of Non-Federal Dams. Glen Road Dam, (NH 00159), State Number 134.12, Connecticut River Basin, Lebanon, New Hampshire. Phase I Inspection Report.
AD-A156 417/8 21-*548,459* MF **A01**

National Program for Inspection of Non-Federal Dams. Union Meadows Dam, (N.H. 00222), State Number 241.05, Piscataqua River Basin, Wakefield, New Hampshire. Phase I Inspection Report.
AD-A156 418/6 21-*548,460* MF **A01**

National Program for Inspection of Non-Federal Dams. Mascoma Dam Number 2 (NH 00156) NHWRB 134.11, Connecticut River Basin, Lebanon, New Hampshire. Phase I Inspection Report.
AD-A156 428/5 21-*548,464* MF **A01**

National Program for Inspection of Non-Federal Dam. Baltic Mills Dam (NH 00273), State Number 077.02, Connecticut River Basin, Enfield, New Hampshire. Phase I Inspection Report.
AD-A156 432/7 21-*548,466* MF **A01**

National Program for Inspection of Non-Federal Dam. Kilburn Pond Dam (NH 00298), NHWRB Number 255.09, Connecticut River Basin, Winchester, New Hampshire. Phase I Inspection Report.
AD-A156 435/0 21-*548,467* MF **A01**

National Program for Inspection of Non-Federal Dam. Exeter Water Works Dam (NH 00267), NHWRB Number 82.02, Coastal Basin, Exeter, New Hampshire. Phase I Inspection Report.
AD-A156 436/8 21-*548,468* MF **A01**

National Program for Inspection of Non-Federal Dam. Milford Town Dam (NH 00312), NHWRB 159.02, Merrimack River Basin, Milford, New Hampshire. Phase I Inspection Report.
AD-A156 437/6 21-*548,469* MF **A01**

National Program for Inspection of Non-Federal Dam. Lakeport Dam (N.H. 00216), State Number 130.01, Merrimack River Basin, Laconia, New Hampshire. Phase I Inspection Report.
AD-A156 440/0 21-*548,471* MF **A01**

National Program for Inspection of Non-Federal Dams. Pisgah Reservoir Dam (NH 00301), State Number 255.11, Connecticut River Basin, Winchester, New Hampshire. Phase I Inspection Report.
AD-A156 443/4 21-*548,473* MF **A01**

National Program for Inspection of Non-Federal Dams. Robertson Dam (NH 00276), NHWRB Number 255.02, Connecticut River Basin, Winchester, New Hampshire. Phase I Inspection Report.
AD-A156 445/9 21-*548,475* MF **A01**

National Program for Inspection of Non-Federal Dams. Goffs Falls Dam (NH 00292), NHWRB 150.05, Merrimack River Basin, Manchester, New Hampshire. Phase I Inspection Report.
AD-A156 446/7 21-*548,476* MF **A01**

National Program for Inspection of Non-Federal Dams, Upper Wilson Pond Dam (NH 00202), Connecticut River Basin, Swanzey, New Hampshire. Phase I Inspection Report.
AD-A156 451/7 21-*548,478* MF **A01**

National Program for Inspection of Non-Federal Dams, Hillsborough Mills Dam (*NH 00258), Merrimack River Basin, Wilton, New Hampshire. Phase I Inspection Report.
AD-A156 453/3 21-*548,479* MF **A01**

National Program for Inspection of Non-Federal Dams, Uncanoonuc Lake Dam Number 2 (NH 00021), NHWRB no. 93.04, Merrimack River Basin, Goffstown, New Hampshire. Phase I Inspection Report.
AD-A156 454/1 21-*548,480* MF **A01**

National Program for Inspection of Non-Federal Dams. Lower Groveton Dam (NH 00369), Connecticut River Basin, Northumberland, New Hampshire. Phase I Inspection Report.
AD-A156 474/9 21-*548,488* MF **A01**

National Program for Inspection of Non-Federal Dams. Milton Leather Board Dam (NH 00316), Piscataqua River Basin, Milton, New Hampshire. Phase I Inspection Report.
AD-A156 475/6 21-*548,489* MF **A01**

National Program for Inspection of Non-Federal Dams. St. Pauls School Dam (NH 00361), NHWRB Number 51.25, Merrimack River Basin, Concord, New Hampshire. Phase I Inspection Report.
AD-A156 476/4 21-*548,490* MF **A01**

National Program for Inspection of Non-Federal Dams. Rollinsford Dam (NH 00396) State Number 205.02, Piscataqua River Basin, Rollinsford, New Hampshire. Phase I Inspection Report.
AD-A156 487/1 21-*548,493* MF **A01**

National Program for Inspection of Non-Federal Dams. Noone Mills Dam (NH 00427) (NHWRB Number 191.02), Merrimack River Basin, Peterborough, New Hampshire. Phase I Inspection Report.
AD-A156 488/9 21-*548,494* MF **A01**

National Program for Inspection of Non-Federal Dams. Macallen Dam (NH 00365), New Hampshire Coastal Basin, Newmarket, New Hampshire. Phase I Inspection Report.
AD-A156 490/5 21-*548,495* MF **A01**

National Program for Inspection of Non-Federal Dams. Buck Street West Dam (NH 00444) (NHWRB 190.05), Merrimack River Basin, Pembroke, New Hampshire. Phase I Inspection Report.
AD-A156 491/3 21-*548,496* MF **A01**

National Program for Inspection of Non-Federal Dams. Babbidge Reservoir Dam (NH 00398), NHWRB 206.03, Connecticut River Basin, Roxbury, New Hampshire. Phase I Inspection Report.
AD-A156 510/0 21-*548,501* MF **A01**

National Program for Inspection of Non-Federal Dams. Buck Street East Dam (NH 00445), NHWRB Number 190.06, Merrimack River Basin, Pembroke, New Hampshire. Phase I Inspection Report.
AD-A156 512/6 21-*548,502* MF **A01**

National Program for Inspection of Non-Federal Dams. Gonic Dam (NH 00388) Piscataqua River Basin, Rochester, New Hampshire. Phase I Inspection Report.
AD-A156 523/3 21-*548,504* MF **A01**

National Program for Inspection of Non-Federal Dams. Spaulding Dam (NH-00390), Piscataqua River Basin, Rochester, New Hampshire. Phase I Inspection Report.
AD-A156 527/4 21-*548,505* MF **A01**

National Program for Inspection of Non-Federal Dams. Butterfield Pond Dam (NH 00233), NHWRB Number 245.01, Connecticut River Basin, Washington, New Hampshire. Phase I Inspection Report.
AD-A156 529/0 21-*548,507* MF **A01**

National Program for Inspection of Non-Federal Dams. Walker Oliverian Stream Dam (NH 00068), State Number 112.02, Connecticut River Basin, Haverhill, New Hampshire. Phase I Inspection Report.
AD-A156 535/7 21-*548,512* MF **A01**

National Program for Inspection of Non-Federal Dams, Packers Falls Dam (NH 00441), (NHWRB 71.04) Piscataqua River Basin, Durham, New Hampshire. Phase I Inspection Report.
AD-A156 552/2 21-*548,517* MF **A01**

National Program for Inspection of Non-Federal Dams, Webster Dam (NH 00378), Merrimack River Basin, Allenstown-Pembroke, New Hampshire. Phase I Inspection Report.
AD-A156 553/0 21-*548,518* MF **A01**

National Program for Inspection of Non-Federal Dams. Middlesex Dam (VT 00029), Richelieu River Basin, Middlesex, Vermont. Phase I Inspection Report.
AD-A156 582/9 21-*548,524* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Lower Pond Dam (VT 00059), Richelieu River Basin, Hinesburg, Vermont. Phase I Inspection Report.
AD-A156 585/2 21-*548,525* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Woonsocket Reservoir Number 3 Dam (RI 02505) Blackstone River Basin, Smithfield-North Smithfield, Rhode Island. Phase I Inspection Report.
AD-A156 591/0 22-*550,580* MF **A01**

National Program for Inspection of Non-Federal Dams. Slack Reservoir Dam (RI 03104) Woonasquatucket River Basin, Smithfield, Rhode Island. Phase I Inspection Report.
AD-A156 594/4 22-*550,581* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Clarkville Pond Dam (RI 01309) Quinebaug River Basin, Gloucester, Rhode Island. Phase I Inspection Report.
AD-A156 681/9 22-*550,584* MF **A01**

National Program for Inspection of Non-Federal Dams. Jewell Brook Dam Site Number 3, (VT 00016) (VT 00262) Connecticut River Basin, Ludlow, Vermont. Phase I Inspection Report.
AD-A156 682/7 22-*550,585* MF **A01**

National Program for Inspection of Non-Federal Dams. Slatersville Reservoir Upper Dam (RI 02501), Blackstone River Basin, No. Smith Rhode Island. Phase I Inspection Report.
AD-A156 734/6 22-*550,587* MF **A01**

National Program for Inspection of Non-Federal Dams. Montpelier Number 4 Dam (VT 00048) Richelieu River Basin, East Montpelier. Phase I Inspection Report.
AD-A156 737/9 22-*550,588* MF **A01**

National Program for Inspection of Non-Federal Dams. Natick Pond Dam (RI 03801) Pawtuxet River Basin, Warwick, Rhode Island. Phase I Inspection Report.
AD-A156 738/7 22-*550,589* MF **A01**

National Program for Inspection of Non-Federal Dams. Arctic Dam (RI 03802), Narragansett Bay Basin, West Warwick, Rhode Island. Phase I Inspection Report.
AD-A156 739/5 22-*550,590* MF **A01**

National Program for Inspection of Non-Federal Dams. Lawton Valley Reservoir Dam (RI 02701) Narragansett Bay Basin, Portsmouth, Rhode Island. Phase I Inspection Report.
AD-A156 740/3 22-*550,591* MF **A01**

National Program for Inspection of Non-Federal Dams. Kent Pond Dam (VT 00071) Connecticut River Basin, Sherburne, Vermont. Phase I Inspection Report.
AD-A156 744/5 22-*550,592* MF **A01**

National Program for Inspection of Non-Federal Dams. Stillwater Reservoir Dam (RI 03101) Narragansett Bay Basin, Smithfield, Rhode Island, Phase I Inspection Report.
AD-A156 746/0 22-*550,593* MF **A01**

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AD-A150 940/5 11-*523,709* PC **A05**/MF **A01**

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AD-A152 463/6 14-*531,158* PC **A04**/MF **A01**

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AD-A150 729/2 11-*525,312* PC **A07**/MF **A01**

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AD-A150 755/7 11-*524,785* PC **A02**/MF **A01**

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AD-P004 409/9 12-*526,537* PC **A02**/MF **A01**

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AD-A147 421/2 03-*506,214* PC **A02**/MF **A01**

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AD-A147 608/4 04-*508,916* PC **A02**/MF **A01**

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AD-A154 480/8 **17**-*538,438* PC **A03**/MF **A01**

National Program for Inspection of Non-Federal Dams. Waldo Lake Dam MA 00426, Taunton River Basin, Brockton, Massachusetts. Phase 1, Inspection Report.
AD-A154 481/6 **17**-*538,439* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Upper Sackett Reservoir Dam MA 00227, Housatonic River Basin, Hinsdale, Massachusetts. Phase 1, Inspection Report.
AD-A154 482/4 **17**-*538,440* PC **A04**/MF **A01**

National Program for Inspection of Non-Federal Dams. Palmer Brook Dam MA 00205, Connecticut River Basin, Becket, Massachusetts. Phase 1, Inspection Report.
AD-A154 485/7 **17**-*538,442* PC **A04**/MF **A01**

National Program for Inspection of Non-Federal Dams. Belmont Reservoir Dam (MA 00224), Housatonic River Basin, Hinsdale, Massachusetts. Phase 1, Inspection Report.
AD-A154 486/5 **17**-*538,443* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Pentucket Pond Outlet (MA 00261), Parker River Basin, Georgetown, Massachusetts. Phase 1, Inspection Report.
AD-A154 487/3 **17**-*538,444* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Accord Pond Dam (MA 00430), Weir River Basin, Hingham, Massachusetts. Phase 1, Inspection Report.
AD-A154 488/1 **17**-*538,445* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Foundry Pond Dam MA 00394, Jones River Basin, Kingston, Massachusetts. Phase 1, Inspection Report.
AD-A154 489/9 **17**-*538,446* PC **A04**/MF **A01**

National Program for Inspection of Non-Federal Dams. Russell Pond Dam MA 00392, Massachusetts Coastal Basin, Kingston, Massachusetts. Phase 1, Inspection Report.
AD-A154 490/7 **17**-*538,447* PC **A04**/MF **A01**

National Program for Inspection of Non-Federal Dams. Dark Brook Reservoir Dam MA 00198, Dike A MA 01293, Blackstone River Basin, Auburn, Massachusetts. Phase 1, Inspection Report.
AD-A154 491/5 **17**-*538,448* PC **A09**/MF **A01**

National Program for Inspection of Non-Federal Dams. Thousand Acre Site Number 1 Dam MA 00256, Housatonic River Basin, New Marlborough, Massachusetts. Phase 1, Inspection Report.
AD-A154 493/1 **17**-*538,450* PC **A06**/MF **A01**

National Program for Inspection of Non-Federal Dams. Cleveland Brook Reservoir (Dam MA 00225), Housatonic River Basin, Hinsdale, Massachusetts. Phase 1, Inspection Report.
AD-A154 494/9 **17**-*538,451* PC **A07**/MF **A01**

National Program for Inspection of Non-Federal Dams. Abbey Lake Dam MA 00305, Connecticut River Basin, Sandisfield, Massachusetts. Phase 1, Inspection Report.
AD-A154 495/6 **17**-*538,452* PC **A08**/MF **A01**

National Program for Inspection of Non-Federal Dams. Washington Mountain Lake Dam MA 00318, Housatonic River Basin, Washington, Massachusetts. Phase 1, Inspection Report.
AD-A154 496/4 **17**-*538,453* PC **A06**/MF **A01**

National Program for Inspection of Non-Federal Dams. Mount Williams Reservoir Dam (Ma 00282), Hoosic River Basin, North Adams, Massachusetts. Phase 1 Inspection Report.
AD-A154 500/3 **18**-*541,061* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Lower Porter Pond Dam (MA 00424) Taunton River Basin, Brockton, Massachusetts. Phase 1 Inspection Report.
AD-A154 501/1 **18**-*541,062* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Whitin Reservoir Dam MA 00200, Blackstone River Basin, Douglas, Massachusetts. Phase 1 Inspection Report.
AD-A154 525/0 **18**-*541,063* PC **A06**/MF **A01**

National Program for Inspection of Non-Federal Dams. Stony Brook Reservoir Dam MA 00293, Charles River Basin, Weston, Massachusetts. Phase 1 Inspection Report.
AD-A154 526/8 **18**-*541,064* PC **A04**/MF **A01**

National Program for Inspection of Non-Federal Dams. Rising Paper Company Dam MA 00250, Housatonic River Basin, Great Barrington, Massachusetts. Phase 1 Inspection Report.
AD-A154 530/0 **18**-*541,065* PC **A06**/MF **A01**

National Program for Inspection of Non-Federal Dams. Lost Wilderness Lake Southern Dam (Twining Pond Dam) (MA 00321), Farmington River Basin, Tolland, Massachusetts. Phase 1 Inspection Report.
AD-A154 535/9 **18**-*541,067* PC **A04**/MF **A01**

National Program for Inspection of Non-Federal Dams. Plunkett Reservoir Dam (MA 00226), Housatonic River Basin, Hinsdale, Massachusetts. Phase 1 Inspection Report.
AD-A154 536/7 **18**-*541,068* PC **A06**/MF **A01**

National Program for Inspection of Non-Federal Dams. Sandwash Dam (MA 00316) Housatonic River Basin, Washington, Massachusetts. Phase 1 Inspection Report.
AD-A154 549/0 **18**-*541,069* PC **A06**/MF **A01**

National Program for Inspection of Non-Federal Dams. Greenwater Pond Dam (MA 00204), Housatonic River Basin, Becket, Massachusetts. Greenwater Pond Dam (MA 00204) Phase 1 Inspection Report.
AD-A154 550/8 **18**-*541,070* PC **A06**/MF **A01**

National Program for Inspection of Non-Federal Dams. Browns Pond Dam MA 00192, North River Basin, Peabody, Massachusetts. Phase 1 Inspection Report.
AD-A154 632/4 **18**-*541,072* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Foss Reservoir Dam (MA 00339), Merrimack River Basin, Framingham, Massachusetts. Phase 1 Inspection Report.
AD-A154 643/1 **18**-*541,073* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Notch Reservoir Dam (MA 00263), Hoosic River Basin, North Adams, Massachusetts. Phase 1 Inspection Report.
AD-A154 665/4 **18**-*541,076* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Lake Garfield Dam (MA 00249), Housatonic River Basin, Monterey, Massachusetts. Phase 1 Inspection Report.
AD-A154 666/2 **18**-*541,077* PC **A08**/MF **A01**

National Program for Inspection of Non-Federal Dams. North Silver Lake Dam (MA 00307), Connecticut River Basin, Sandisfield, Massachusetts. Phase I Inspection Report.
AD-A154 667/0 **18**-*541,078* PC **A07**/MF **A01**

National Program for Inspection of Non-Federal Dams. Assabet River Dam (MA 01000), Assabet River Basin, Westborough, Massachusetts. Phase 1 Inspection Report.
AD-A154 689/4 **18**-*541,081* PC **A06**/MF **A01**

National Program for Inspection of Non-Federal Dams. Lynde Brook Reservoir Dam (MA 00990) East Dike (MA 01290), Blackstone River Basin, Leicester, Massachusetts. Phase 1 Inspection Report.
AD-A154 692/8 **18**-*541,082* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Fountain Pond Dam MA 00191, Massachusetts Coastal Basin, Peabody, Massachusetts. Phase 1 Inspection Report.
AD-A154 696/9 **18**-*541,085* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Hopkinton Reservoir Dam MA 00437, Merrimack River Basin, Ashland, Massachusetts. Phase 1 Inspection Report.
AD-A154 697/7 **18**-*541,086* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. West Lake Dam (MA 00288), Connecticut River Basin, Sandisfield, Massachusetts. Phase 1 Inspection Report.
AD-A154 719/9 **18**-*541,090* PC **A09**/MF **A01**

National Program for Inspection of Non-Federal Dams. North Reservoir Dam (MA 00457) Massachusetts-Rhode Island Coastal Basin, Winchester, Massachusetts. Phase 1 Inspection Report.
AD-A154 731/4 **18**-*541,093* MF **A01**

National Program for Inspection of Non-Federal Dams. First Herring Brook Reservoir Dam (MA 00478) Massachusetts Coastal Basin, Scituate, Massachusetts. Phase 1 Inspection Report.
AD-A154 733/0 **18**-*541,094* MF **A01**

National Program for Inspection of Non-Federal Dams. South Reservoir Dam and Dikes, Main Dam (MA 00453), East Dike (MA 01278), West Dike (MA 01279) Massachusetts Coastal Area, Winchester, Massachusetts. Phase 1 Inspection Report.
AD-A154 734/8 **18**-*541,095* MF **A01**

National Program for Inspection of Non-Federal Dams. Main Street Dam (MA 00448). Merrimack River Basin. Hudson, Massachusetts. Phase 1 Inspection Report.
AD-A154 739/7 **18**-*541,096* PC **A04**/MF **A01**

National Program for Inspection of Non-Federal Dams. Reservoir Number One (MA 00337) Merrimack River Basin. Framingham, Massachusetts. Phase 1 Inspection Report.
AD-A154 740/5 **18**-*541,097* MF **A01**

National Program for Inspection of Non-Federal Dams. Albert Davenport Dam (MA 00507), Connecticut River Basin, Shelburne Falls, Massachusetts. Phase 1 Inspection Report.
AD-A154 765/2 **18**-*541,098* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Upper Stoneville Dam MA 00196, Blackstone River Basin, Auburn, Massachusetts. Phase 1 Inspection Report.
AD-A154 790/0 **18**-*541,100* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Buckley-Dunton Dam (MA 00202), Connecticut River Basin, Becket, Massachusetts. Phase 1 Inspection Report.
AD-A154 889/0 **18**-*541,105* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Griswold Pond Dam(MA00292), Suagus River Basin, Suagus Massachusetts. Phase 1 Inspection Report.
AD-A154 890/8 **18**-*541,106* PC **A04**/MF **A01**

National Program for Inspection of Non-Federal Dams. Houghton Pond Dam (MA 00444), Charles River Basin, Holliston, Massachusetts. Phase 1 Inspection Report.
AD-A154 892/4 **18**-*541,108* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams, Wrights Pond Dam (MA 00454), Massachusetts Coastal Area, Medford, Massachusetts. Phase 1 Inspection Report.
AD-A154 919/5 **18**-*541,111* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Williams Lake Dam (MA 00451), Merrimack River Basin, Marlborough, Massachusetts. Phase 1 Inspection Report.
AD-A155 011/0 **18**-*541,117* PC **A04**/MF **A01**

National Program for Inspection of Non-Federal Dams. Westfield Reservoir Dam (MA 00734) Connecticut River Basin, Montgomery, Massachusetts. Phase 1 Inspection Report.
AD-A155 198/5 **19**-*543,364* MF **A01**

National Program for Inspection of Non-Federal Dams. Sugden Reservoir Dam (MA 00698) Connecticut River Basin, Spencer, Massachusetts. Phase 1 Inspection Report.
AD-A155 199/3 **19**-*543,365* MF **A01**

National Program for Inspection of Non-Federal Dams. Cohasse Brook Reservoir Dam (MA 00694) Quinebaug River Basin, Southbridge, Massachusetts. Phase 1 Inspection Report.
AD-A155 201/7 **19-***543,366* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Number 5 Reservoir (MA 00693), Quinebaug River Basin, Southbridge, Massachusetts. Phase 1 Inspection Report.
AD-A155 234/6 **19-***543,367* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams, McLean Reservoir (MA 00539), Connecticut River Basin, Holyoke, Massachusetts. Phase 1 Inspection Report.
AD-A155 333/6 **19-***543,372* MF **A01**

National Program for Inspection of Non-Federal Dams, Crocker Pond Dam (MA 00638), Merrimack River Basin, Westminster, Massachusetts. Phase 1 Inspection Report.
AD-A155 343/7 **19-***543,374* MF **A01**

National Program for Inspection of Non-Federal Dams. Lake Josephine Dam (ME 00345), Saint John River Basin, Easton, Maine. Phase 1 Inspection Report.
AD-A155 371/8 **19-***543,377* MF **A01**

National Program for Inspection on Non-Federal Dams. Middle Pond Dam (ME 00190), Southern Maine Coastal Basin, York, Maine. Phase 1 Inspection Report.
AD-A155 373/4 **19-***543,379* MF **A01**

National Program for Inspection of Non-Federal Dams. Lake Christina Dam (ME 00226), Saint John River Basin, Fort Fairfield, Maine. Phase 1 Inspection Report.
AD-A155 375/9 **19-***543,381* MF **A01**

National Program for Inspection of Non-Federal Dams. Fernwood Lake East Dam (MA 01336), Fernwood Lake West Dam (MA 01337), Massachusetts Coastal Basin, Gloucheater, Massachusetts. Phase 1 Inspection Report.
AD-A155 376/7 **19-***543,382* MF **A01**

National Program for Inspection of Non-Federal Dams. Lynn Reservoir Dam (MA 01285), Massachusetts/Rhode Island Coastal Basin, Lynn, Massachusetts. Phase 1 Inspection Report.
AD-A155 377/5 **19-***543,383* MF **A01**

National Program for Inspection of Non-Federal Dams. Whites Mill Pond Dam (MA 00630), Connecticut River Basin, Winchendon, Massachusetts. Phase 1 Inspection Report.
AD-A155 381/7 **19-***543,385* MF **A01**

National Program for Inspection of Non-Federal Dams. Egypt Reservoir Dam (MA 01063), Housatonic River Basin, Dalton, Massachusetts. Phase 1 Inspection Report.
AD-A155 385/8 **19-***543,387* MF **A01**

National Program for Inspection of Non-Federal Dams. Webster Brook Dam (ME 00229), Saint John River Basin, Limestone, Maine. Phase 1 Inspection Report.
AD-A155 386/6 **19-***543,388* MF **A01**

National Program for Inspection of Non-Federal Dams. Noyes Brook Dam (ME 00347), Saint John River Basin, Limestone, Maine. Phase 1 Inspection Report.
AD-A155 388/2 **19-***543,390* MF **A01**

National Program for Inspection of Non-Federal Dams. Mill Pond Reservoir Main Dam (MA 01121), Merrimack River Basin, Burlington, Massachusetts. Phase 1 Inspection Report.
AD-A155 389/0 **19-***543,391* MF **A01**

National Program for Inspection of Non-Federal Dams. Mill Pond Reservoir North Dike (MA 01122), Mill Pond Reservoir South Dike (MA 01123), Merrimack River Basin, Burlington, Massachusetts. Phase 1 Inspection Report.
AD-A155 390/8 **19-***543,392* MF **A01**

National Program for Inspection of Non-Federal Dams. Whitney Pond (MA 00633), Connecticut River Basin, Winchendon, Massachusetts. Phase 1 Inspection Report.
AD-A155 408/8 **19-***543,395* MF **A01**

National Program for Inspection of Non-Federal Dams. Nash Hill Reservoir MA 00550, Connecticut River Basin, Ludlow, Massachusetts. Phase 1 Inspection Report.
AD-A155 476/1 **19-***543,399* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Schencks Pond Dam (MA 00784), Massachusetts Coastal Area, Weston, Massachusetts. Phase 1 Inspection Report.
AD-A155 490/6 **19-***543,402* MF **A01**

National Program for Inspection of Non-Federal Dams. Lost Lake Dam (MA 00808), Merrimack River Basin, Groton, Massachusetts. Phase 1 Inspection Report.
AD-A155 491/4 **19-***543,403* MF **A01**

National Program for Inspection of Non-Federal Dams. New Pond Dam (MA 00779), Massachusetts Coastal Basin, Easton, Massachusetts. Phase 1 Inspection Report.
AD-A155 495/5 **19-***543,405* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Payson Park Reservoir (MA 00770), Mystic River Basin, Belmont, Massachusetts. Phase 1 Inspection Report.
AD-A155 496/3 **19-***543,406* MF **A01**

National Program for Inspection of Non-Federal Dams. Snows Mill Pond Dam (MA 00878), Merrimack River Basin, Fitchburg, Massachusetts. Phase 1 Inspection Report.
AD-A155 497/1 **19-***543,407* MF **A01**

National Program for Inspection of Non-Federal Dams. Prospect Hill Reservoir (MA 00811), Taunton River Basin, Taunton, Massachusetts. Phase 1 Inspection Report.
AD-A155 498/9 **19-***543,408* MF **A01**

National Program for Inspection of Non-Federal Dams. Old Quincy Reservoir Dam (MA 00627), Massachusetts-Rhode Island Coastal Basin, Braintree, Massachusetts. Phase 1 Inspection Report.
AD-A155 499/7 **19-***543,409* MF **A01**

National Program for Inspection of Non-Federal Dams. Weston Reservoir Dam (MA 00798), Charles River Basin, Weston, Massachusetts. Phase 1 Inspection Report.
AD-A155 500/2 **19-***543,410* MF **A01**

National Program for inspection of Non-Federal Dams. Fall Brook Reservoir Dam (MA 00869), Merrimack River Basin, Leominster, Massachusetts. Phase 1 Inspection Report.
AD-A155 501/0 **19-***543,411* MF **A01**

National Program for Inspection of Non-Federal Dams. Chicopee Reservoir (MA 00720), Connecticut River Basin, Chicopee, Massachusetts. Phase 1 Inspection Report.
AD-A155 502/8 **19-***543,412* MF **A01**

National Program for Inspection of Non-Federal Dams. Weymouth Great Pond Dam (MA 00777), Weymouth Back River Basin, Weymouth, Massachusetts. Phase 1 Inspection Report.
AD-A155 504/4 **19-***543,414* MF **A01**

National Program for Inspection of Non-Federal Dams. Bolivar Pond Dam (MA 00807), Neponset River Basin, Canton, Massachusetts. Phase 1 Inspection Report.
AD-A155 505/1 **19-***543,415* MF **A01**

National Program for Inspection of Non-Federal Dams. Williamstown Reservoir Dam (MA 00844), Hudson River Basin, Williamstown, Massachusetts. Phase 1 Inspection Report.
AD-A155 506/9 **19-***543,416* MF **A01**

National Program for Inspection of Non-Federal Dams. Pecks Pond Dam (MA 00843), Housatonic River Basin, Pittsfield, Massachusetts. Phase 1 Inspection Report.
AD-A155 507/7 **19-***543,417* MF **A01**

National Program for Inspection of Non-Federal Dams. Falls Pond Dam (MA 00865), Taunton River Basin, North Attleboro, Massachusetts. Phase 1 Inspection Report.
AD-A155 508/5 **19-***543,418* MF **A01**

National Program for Inspection of Non-Federal Dams. Cedar Pond Dam (MA 00684), Thames River Basin, Sturbridge, Massachusetts. Phase 1 Inspection Report.
AD-A155 532/5 **19-***543,420* MF **A01**

National Program for Inspection of Non-Federal Dams. Number 4 Reservoir Dam (MA 00692), Quinebaug River Basin, Southbridge, Massachusetts. Phase 1 Inspection Report.
AD-A155 533/3 **19-***543,421* MF **A01**

National Program for Inspection of Non-Federal Dams. Chaffin Pond Dam (MA 00621), Merrimack River Basin, Holden, Massachusetts. Phase 1 Inspection Report.
AD-A155 557/2 **19-***543,423* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. West Parish Filter Number 3 Dam (MA 00610), Connecticut River Basin, Westfield, Massachusetts. Phase 1 Inspection Report.
AD-A155 571/3 **19-***543,424* PC **A04**/MF **A01**

National Program for Inspection of Non-Federal Dams. Cambridge Reservoir Dam (MA 00750), Massachusetts Coastal Area, Waltham, Massachusetts. Phase 1 Inspection Report.
AD-A155 575/4 **19-***543,425* MF **A01**

National Program for Inspection of Non-Federal Dams. Simonds Pond Dam (MA 00874), Merrimack River Basin, Leominster, Massachusetts. Phase 1 Inspection Report.
AD-A155 577/0 **19-***543,427* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Forest Park Upper Dam (MA 00568), Connecticut River Basin, Springfield, Massachusetts. Phase 1 Inspection Report.
AD-A155 578/8 **19-***543,428* MF **A01**

National Program for Inspection of Non-Federal Dams, South Silver Floodwater Retarding (MA 00702), Connecticut River Basin, Sandisfield, Massachusetts. Phase 1 Inspection Report.
AD-A155 615/8 **19-***543,431* MF **A01**

National Program for Inspection of Non-Federal Dams, Lovell Reservoir Dam (MA 00872) and Dike (MA 01334), Merrimack River Basin, Fitchburg, Massachusetts. Phase 1 Inspection Report.
AD-A155 616/6 **19-***543,432* MF **A01**

National Program for Inspection of Non-Federal Dams, Shaker Mill Pond Dam (MA 00732), Housatonic River Basin, West Stockbridge, Massachusetts. Phase 1 Inspection Report.
AD-A155 617/4 **19-***543,433* MF **A01**

National Program for Inspection of Non-Federal Dams, Brockton Reservoir Dam (MA 00786), Taunton River Basin, Avon, Massachusetts. Phase 1 Inspection Report.
AD-A155 618/2 **19-***543,434* MF **A01**

National Program for Inspection of Non-Federal Dams, Black Brook Dam (MA 01057), Connecticut River Basin, Blandford, Massachusetts. Phase 1 Inspection Report.
AD-A155 633/1 **19-***543,435* MF **A01**

National Program for Inspection of Non-Federal Dams. Muddy cove Pond Dam (MA 00793) Taunton River Basin, Dighton, Massachusetts. Phase 1 Inspection Report.
AD-A155 634/9 **19-***543,436* MF **A01**

National Program for Inspection of Non-Federal Dams. Indian Lake Dam (MA 01051) Connecticut River Basin, Becket, Massachusetts. Phase 1 Inspection Report.
AD-A155 635/6 **19-***543,437* MF **A01**

National Program for Inspection of Non-Federal Dams. Ashley Reservoir Dam (New Lower) (MA 01062) Housatonic River Basin, Washington, Massachusetts. Phase 1 Inspection Report.
AD-A155 636/4 **19-***543,438* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Horsepond Dam (MA 00950) Connecticut River Basin, North Brookfield, Massachusetts. Phase 1 Inspection Report.
AD-A155 637/2 **19-***543,439* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Notown Reservoir Dam and Dike; Dam (00870), Dike (01240, Merrimack River Basin, Leominster, Massachusetts. Phase 1 Inspection Report.
AD-A155 640/6 **19-***543,440* PC **A08**/MF **A01**

National Program for Inspection of Non-Federal Dams. Overlook Reservoir Dam and Dike; Dam (MA 00876), Dike (MA 01335), Merrimack River Basin, Fitchburg, Massachusetts. Phase 1 Inspection Report.
AD-A155 641/4 **19-***543,441* MF **A01**

National Program for Inspection of Non-Federal Dams. Chestnut Hill Reservoir Dam (MA 01113), Charles River Basin, Boston, Massachusetts. Phase 1 Inspection Report.
AD-A155 649/7 **19-***543,442* PC **A04**/MF **A01**

National Program for Inspection of Non-Federal Dams. Indian Orchard (MA 00722), Connecticut River Basin, Springfield/Ludlow, Massachusetts. Phase 1 Inspection Report.
AD-A155 650/5 **19-***543,443* PC **A04**/MF **A01**

National Program for Inspection on Non-Federal Dams. Arlington Reservoir Dam (MA 00771), Massachusetts Coastal Basin, Arlington - Lexington. Massachusetts. Phase 1 Inspection Report.
AD-A155 651/3 **19-***543,444* MF **A01**

National Program for Inspection of Non-Federal Dams. Weymouth River Basin, Braintree & Randolph, Massachusetts, Great Pond Upper Reservoir Dam MA 00823. Phase 1 Inspection Report.
AD-A155 662/0 **19-***543,448* MF **A01**

National Program for Inspection of Non-Federal Dams. Tyler Dam MA 01195, Merrimack River Basin, Marlborough, Massachusetts. Phase 1 Inspection Report.
AD-A155 664/6 **19-***543,450* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Scott Reservoir MA 00871, Merrimack River Basin, Fitchburg, Massachusetts. Phase Inspection Report.
AD-A155 667/9 **19-***543,451* MF **A01**

National Program for Inspection of Non-Federal Dams. Granville Reservoir Dam MA 00707, Connecticut River Basin, Granville, Massachusetts. Phase 1 Inspection Report.
AD-A155 669/5 **19-***543,452* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Rockwell Pond Dam (MA 00882), Merrimack River Basin, Leominster, Massachusetts. Phase 1 Inspection Report.
AD-A155 696/8 **19-***543,454* PC **A04**/MF **A01**

National Program for Inspection of Non-Federal Dams. Chartley Pond Dam (MA 00814), Taunton River Basin, Norton, Massachusetts. Phase 1 Inspection Report.
AD-A155 697/6 **19-***543,455* MF **A01**

National Program for Inspection of Non-Federal Dams. Windsor Reservoir Dam (MA 00841), Housatonic River Basin, Windsor, Massachusetts. Phase 1 Inspection Report.
AD-A155 699/2 **19-***543,456* MF **A01**

National Program for Inspection of Non-Federal Dams. Boulter Dam (ME 00194), Southern Maine Coastal Basin, York, Maine. Phase 1 Inspection Report.
AD-A155 700/8 **19-***543,457* MF **A01**

National Program for Inspection of Non-Federal Dams. Putnamville Reservoir Dam and Dikes (DAM (MA 00745), East Dike (MA 01297), West Dike (MA 00744), Ipswich River Basin, Danvers, Massachusetts. Phase 1 Inspection Report.
AD-A155 703/2 **19-***543,460* MF **A01**

National Program for Inspection of Non-Federal Dams. Bickford Pond Dam (MA 01021), Bickford Reservoir Dam (MA 01022), Connecticut River Basin, Hubbardston and Princeton, Massachusetts. Phase 1 Inspection Report.
AD-A155 705/7 **19-***543,461* MF **A01**

National Program for Inspection of Non-Federal Dams. Lowell Reservoir Dam (MA 01188), Merrimack River Basin, Lowell, Massachusetts. Phase 1 Inspection Report.
AD-A155 706/5 **19-***543,462* MF **A01**

National Program for Inspection of Non-Federal Dams. Noquochoke Lake at Route 6 Dam (ME 01085), Massachusetts Coastal Basin, Dartmouth & Westport, Massachusetts. Phase 1 Inspection Program.
AD-A155 708/1 **19-***543,464* MF **A01**

National Program for Inspection of Non-Federal Dams. Mare Meadow Reservoir Dam (ME 01020), Connecticut River Basin, Hubbardston, Massachusetts. Phase 1 Inspection Report.
AD-A155 709/9 **19-***543,465* MF **A01**

National Program for Inspection of Non-Federal Dams. Lee Pond Dam (MA 00691), Massachusetts Coastal Basin, Uxbridge, Massachusetts. Phase 1 Inspection Program.
AD-A155 711/5 **19**-*543,467* PC **A06**/MF **A01**

National Program for Inspection of Non-Federal Dams. Reservoir Number 3 Dam (MA 00691), Thames River Basin, Southbridge, Massachusetts. Phase 1 Inspection Program.
AD-A155 712/3 **19**-*543,468* MF **A01**

National Program for Inspection of Non-Federal Dams. Manchester Pond Reservoir Dam (MA 00860), South Dike and East Dike (MA 01288, MA 01289), Providence River Basin, Attleboro, Massachusetts. Phase 1 Inspection Report.
AD-A155 736/8 **19**-*543,470* MF **A01**

National Program for Inspection of Non-Federal Dams. Leaping Well Reservoir (MA 00586) Connecticut River Basin, South Hadley, Massachusetts. Phase 1 Inspection Report.
AD-A155 741/2 **19**-*543,471* MF **A01**

National Program for Inspection of Non-Federal Dams. Norumbega Reservoir Dam and Dikes, Norumbega Reservoir Dam and East Dike (MA 00782) Dike 2 and Dike 3 (MA 01208) Dike 4 (MA 01209), Massachusetts Coastal Area, Weston, Massachusetts. Phase 1 Inspection Report.
AD-A155 742/0 **19**-*543,472* PC **A07**/MF **A01**

National Program for Inspection of Non-Federal Dams. Clam Lake Dam (MA 01052), Connecticut River Basin, Sandisfield, Massachusetts. Phase 1 Inspection Report.
AD-A155 743/8 **19**-*543,473* MF **A01**

National Program for Inspection of Non-Federal Dams. Kettle Brook Reservoir Number 3 MA 00978, Blackstone River Basin, Leicester, Massachusetts. Phase I Inspection Report.
AD-A155 783/4 **21**-*548,302* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Roaring Brook Dam MA 01056, Connecticut River Basin, Conway, Massachusetts. Phase I Inspection Report.
AD-A155 787/5 **21**-*548,306* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Lost Wilderness Lake Northern Dam MA 01059, Farmington River Basin, Tolland, Massachusetts. Phase I Inspection Report.
AD-A155 788/3 **21**-*548,307* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Stiles Reservoir Dam MA 00983, French River Basin, Leicester, Massachusetts. Phase I Inspection Report.
AD-A155 789/1 **21**-*548,308* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Waban Hill Reservoir Dam MA 01111, Charles River Basin, Newton, Massachusetts. Phase I Inspection Report.
AD-A155 790/9 **21**-*548,309* PC **A04**/MF **A01**

National Program for Inspection of Non-Federal Dams. Cherryfield Dam ME-00061, Narraguagus River Basin, Cherryfield, Maine. Phase I Inspection Report.
AD-A155 795/8 **21**-*548,314* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Goose Cove Reservoir Dams & Dikes, North Dam MA 01098, Northwest Dike MA 01099, South Dam MA 00163 and Southwest Dike MA 01100, Annisquam River Basin, Gloucester, Massachusetts. Phase I Inspection Report.
AD-A155 799/0 **21**-*548,318* PC **A07**/MF **A01**

National Program for Inspection of Non-Federal Dams. Strangman Pond Dam (MA 01097) Annisquam River Basin, Gloucester, Massachusetts. Phase I Inspection Report.
AD-A155 800/6 **21**-*548,319* PC **A04**/MF **A01**

National Program for Inspection of Non-Federal Dams. Lake Auburn Dam (ME-00019) Androscoggin River Basin, Auburn, Maine. Phase I Inspection Report.
AD-A155 803/0 **21**-*548,322* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Pierce Pond Dam (MA 00883) Merrimack River Basin, Leominster, Massachusetts. Phase I Inspection Report.
AD-A155 806/3 **21**-*548,324* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Ames Pond Dam (MA 01006) Dike A (MA 01296) Merrimack River Basin, Tewksbury, Massachusetts. Phase I Inspection Report.
AD-A155 808/9 **21**-*548,325* MF **A01**

National Program for Inspection of Non-Federal Dams. Rosemary Lake Dam (MA 01112) Charles River Basin, Needham, Massachusetts. Phase I Inspection Report.
AD-A155 811/3 **21**-*548,328* PC **A04**/MF **A01**

National Program for Inspection of Non-Federal Dams. Shelburne Falls Fire District Reservoir Dam MA 00462, Connecticut River Basin, Colrain, Massachusetts. Phase I Inspection Report.
AD-A155 985/5 **21**-*548,333* MF **A01**

National Program for Inspection of Non-Federal Dams. Baker Pond Dam VT 00135, Richelieu River Basin, Brookfield, Vermont. Phase I Inspection Report.
AD-A155 992/1 **21**-*548,335* MF **A01**

National Program for Inspection of Non-Federal Dams. Colton Pond Dam VT 00114, Connecticut River Basin, Sherburne, Vermont. Phase I Inspection Report.
AD-A155 993/9 **21**-*548,336* PC **A04**/MF **A01**

National Program for Inspection of Non-Federal Dams. Rochester Reservoir Dam NH 00152 NHWRB Number 204.13, Coastal Basin, Rochester, New Hampshire. Phase I Inspection Report.
AD-A155 996/2 **21**-*548,338* MF **A01**

National Program for Inspection of Non-Federal Dams. Sucker Brook Dam (VT 00212), Richelieu River Basin, Town of Salisbury, Addison County, Vermont. Phase I Inspection Report.
AD-A156 009/3 **21**-*548,343* MF **A01**

National Program for Inspection of Non-Federal Dams. Gale Meadows Dam (VT 00115), Gale Meadows Dike (VT 00274), Connecticut River Basin, Town of Londonderry, Windham County, Vermont. Phase I Inspection Report.
AD-A156 013/5 **21**-*548,346* MF **A01**

National Program for Inspection of Non-Federal Dams. Marshfield Number 6 Dam (VT 00046), Richelieu River Basin, Cabot, Vermont. Phase I Inspection Report.
AD-A156 014/3 **21**-*548,347* MF **A01**

National Program for Inspection of Non-Federal Dams. Pleasant Valley Reservoir Dam (VT 00064), Connecticut River Basin, Brattleboro, Vermont. Phase I Inspection Report.
AD-A156 016/8 **21**-*548,349* MF **A01**

National Program for Inspection of Non-Federal Dams. Georgiaville Pond Dam (RI 03108), Woonasquatucket River Basin, Smithfield, Rhode Island. Phase I Inspection Report.
AD-A156 018/4 **21**-*548,350* MF **A01**

National Program for Inspection of Non-Federal Dams. Jewell Brock Dam Site Number 2 (VT 00015), Connecticut River Basin, Ludlow, Vermont. Phase I Inspection Report.
AD-A156 020/0 **21**-*548,352* MF **A01**

National Program for Inspection of Non-Federal Dams. Silver Lake Dam (VT 00065), Connecticut River Basin, Barnard, Vermont. Phase I Inspection Report.
AD-A156 021/8 **21**-*548,353* MF **A01**

National Program for Inspection of Non-Federal Dams. Knapp Brook Site Number 1 (VT 00076), Connecticut River Basin, Cavendish, Vermont. Phase I Inspection Report.
AD-A156 022/6 **21**-*548,354* MF **A01**

National Program for Inspection of Non-Federal Dams. Sugar Hill Dam (VT 00176), Richelieu River Basin, Town of Goshen, Addison County, Vermont. Phase I Inspection Report.
AD-A156 023/4 **21**-*548,355* MF **A01**

National Program for Inspection of Non-Federal Dams. Lower Reservoir Dam (NH 00048), NHWRB Number 108.05, Connecticut River Basin, Hanover, New Hampshire. Phase I Inspection Report.
AD-A156 110/9 **21**-*548,361* MF **A01**

National Program for Inspection of Non-Federal Dams, Lake Gloriette Dam and Dike (NH00171 & 00168). Connecticut River Basin, Dixville, New Hampshire. Phase I Inspection Report.
AD-A156 123/2 **21**-*548,362* MF **A01**

National Program for Inspection of Non-Federal Dams, Harris Pond Dam (NH 00122), Merrimack River Basin, Nashua, New Hampshire. Phase I Inspection Report.
AD-A156 125/7 **21**-*548,363* MF **A01**

National Program for Inspection of Non-Federal Dams. Hillside Beach (MA 00600) Connecticut River Basin, South Hadley, Massachusetts. Phase I Inspection Report.
AD-A156 159/6 **21**-*548,370* MF **A01**

National Program for Inspection of Non-Federal Dams. Leverett Pond (MA 00525) Connecticut River Basin, Leverett, Massachusetts. Phase I Inspection Report.
AD-A156 162/0 **21**-*548,371* MF **A01**

National Program for Inspection of Non-Federal Dams. Sargent Lake Dam (NH 00086), State Number 21.03, Merrimack River Basin, Belmont, New Hampshire. Phase I Inspection Report.
AD-A156 183/6 **21**-*548,374* MF **A01**

National Program for Inspection of Non-Federal Dams. Hopedale Pond Dam (MA 00624) Blackstone River Basin, Hopedale, Massachusetts. Phase I Inspection Report.
AD-A156 224/8 **21**-*548,379* MF **A01**

National Program for Inspection of Non-Federal Dams. Lake Kanasatka Dam (NH 00125) Merrimack River Basin, Moultonboro, New Hampshire. Phase I Inspection Report.
AD-A156 232/1 **21**-*548,381* MF **A01**

National Program for Inspection of Non-Federal Dams. Durepo Brook Dam (ME 00348) Saint John River Basin, Limestone, Maine. Phase I Inspection Report.
AD-A156 234/7 **21**-*548,382* MF **A01**

National Program for Inspection of Non-Federal Dams. Mountain Brook Dam (NH 00099) NHWRB 124.17, Merrimack River Basin, Jaffrey, Massachusetts. Phase I Inspection Report.
AD-A156 249/5 **21**-*548,384* MF **A01**

National Program for Inspection of Non-Federal Dams. Upper Kimball Lake Dam (NH 00149) Saco River Basin, Chatham, New Hampshire. Phase I Inspection Report.
AD-A156 250/3 **21**-*548,385* MF **A01**

National Program for Inspection of Non-Federal Dams. Wildwood Lake Dam (MA 00667), Blackstone River Basin, Upton, Massachusetts. Phase I Inspection Report.
AD-A156 251/1 **21**-*548,386* MF **A01**

National Program for Inspection of Non-Federal Dams. Hycrest Farm Pond Dam (MA 00673), Merrimack River Basin, Sterling, Massachusetts. Phase I Inspection Report.
AD-A156 252/9 **21**-*548,387* MF **A01**

National Program for Inspection of Non-Federal Dams. Warren Lake Dam (VT 00263), Richelieu River Basin, Warren, Vermont. Phase I Inspection Report.
AD-A156 260/2 **21**-*548,393* MF **A01**

National Program for Inspection of Non-Federal Dams. Miles Pond Dam (VT 00062), Connecticut River Basin, Concord, Vermont. Phase I Inspection Report.
AD-A156 261/0 **21**-*548,394* MF **A01**

National Program for Inspection of Non-Federal Dams. Highland Lakes-Lower Lake Dam (MA 00598), Connecticut River Basin, Goshen, Massachusetts. Phase I Inspection Report.
AD-A156 274/3 **21**-*548,400* MF **A01**

National Program for Inspection of Non-Federal Dams. Limestone Dam (ME 00492), Saint John River Basin, Limestone, Maine. Phase I Inspection Report.
AD-A156 277/6 **21**-*548,402* MF **A01**

National Program for Inspection of Non-Federal Dams. Westminster Reservoir Dam (MA 00639) MA 00639, Merrimack River Basin, Westminster, Massachusetts. Phase I Inspection Report.
AD-A156 278/4 **21**-*548,403* MF **A01**

National Program for Inspection of Non-Federal Dams. Goose Pond Dam (NH 00118) NHWRB 36.01, Connecticut River Basin, Canaan, New Hampshire. Phase I Inspection Report.
AD-A156 279/2 **21**-*548,404* MF **A01**

National Program for Inspection of Non-Federal Dams. Sawyer Lake Dam (N.H. 00016) (State Number 91.01) Merrimack River Basin, Gilmanton, New Hampshire. Phase I Inspection Report.
AD-A156 289/1 **21**-*548,408* MF **A01**

National Program for Inspection of Non-Federal Dams. Alton Power Dam (NH 00011), Merrimack River Basin, Alton, New Hampshire. Phase I Inspection Report.
AD-A156 290/9 **21**-*548,409* MF **A01**

National Program for Inspection of Non-Federal Dams, Fitch Reservoir Dam (NH 00142), Connecticut River Basin, Claremont, New Hampshire. Phase I Inspection Report.
AD-A156 318/8 **21**-*548,410* MF **A01**

National Program for Inspection of Non-Federal Dams. Bradley Lake Dam (NH 00034), NHWRB Number 8.02, Merrimack River Basin, Andover, New Hampshire. Phase I Inspection Report.
AD-A156 339/4 **21**-*548,415* MF **A01**

National Program for Inspection of Non-Federal Dams. Hanover Center Reservoir Dam (NH 00051), State Number 108.14, Connecticut River Basin, Hanover, New Hampshire. Phase I Inspection Report.
AD-A156 344/4 **21**-*548,420* MF **A01**

National Program for Inspection of Non-Federal Dams. Reservoir Dam (ME 00472), Kennebec River Basin, Waterville, Maine. Phase I Inspection Report.
AD-A156 368/3 **21**-*548,426* MF **A01**

National Programs for Inspection of Non-Federal Dams. Baker Floodwater Reservoir Site 2 (NH 00231), (NHWRB Number 244.10), Merrimack River Basin, Warren, New Hampshire. Phase I Inspection Report.
AD-A156 376/6 **21**-*548,432* MF **A01**

National Program for Inspection of Non-Federal Dams. Bog Brook Dam (NH 00194) (NHWRB 220.16) Connecticut River Basin, Springfield, New Hampshire. Phase I Inspection Report.
AD-A156 391/5 **21**-*548,442* MF **A01**

National Program for Inspection of Non-Federal Dams. Mirror Lake Dam (N.H. 00317) State Number 259.07. Merrimack River Basin, Woodstock, New Hampshire. Phase I Inspection Report.
AD-A156 397/2 **21**-*548,443* MF **A01**

National Program for Inspection of Non-Federal Dams. Souhegan River Watershed Dam Number 10A (NH 00264) (NHWRB 254.33), Merrimack River Basin, Wilton, New Hampshire. Phase I Inspection Report.
AD-A156 400/4 **21**-*548,445* MF **A01**

National Program for Inspection of Non-Federal Dams. Souhegan River Watershed Dam Number 15 (NH 00263) (NHWRB 254.30), Merrimack River Basin, Wilton, New Hampshire.
AD-A156 401/2 **21**-*548,446* MF **A01**

National Program for Inspection of Non-Federal Dams. Oliverian Dam (NH-00268) (NHWRB 02306), Connecticut River Basin, Benton, New Hampshire. Phase I Inspection Report.
AD-A156 402/0 **21**-*548,447* MF **A01**

National Program for Inspection of Non-Federal Dams. Ashuelot Pond Dam (NH 00237) (NHWRB Number 245.05) Connecticut River Basin, Washington, New Hampshire. Phase I Inspection Report.
AD-A156 403/8 **21**-*548,448* MF **A01**

National Program for Inspection of Non-Federal Dams. Bowers Dam (NH 00330) (NHWRB Number 165.04) Merrimack River Basin, Nashua, New Hampshire. Phase I Inspection Report.
AD-A156 405/3 **21**-*548,450* MF **A01**

National Program for Inspection of Non-Federal Dams. High Service Distribution Reservoir (NH 00296), (NHWRB

150.11), Merrimack River Basin, Manchester, New Hampshire. Phase I Inspection Report.
AD-A156 407/9 21-*548,452* MF A01

National Program for Inspection of Non-Federal Dams. Baker Floodwater Reservoir Site 8 (NH 00178), NHWRB Number 66.08, Merrimack River Basin, Dorchester, New Hampshire. Phase I Inspection Report.
AD-A156 414/5 21-*548,456* MF A01

National Program for Inspection of Non-Federal Dams. Baker Floodwater Reservoir Site 6 (NH 00243), NHWRB Number 24901, Merrimack River Basin, Wentworth, New Hampshire. Phase I Inspection Report.
AD-A156 415/2 21-*548,457* MF A01

National Program for Inspection of Non-Federal Dams. Pequawket Powder Company Dam, (NH 00322), NHWRB Number 52.02, Saco River Basin, Conway, New Hampshire. Phase I Inspection Report.
AD-A156 416/0 21-*548,458* MF A01

National Program for Inspection of Non-Federal Dams. Millen Lake Dam (NH 00236), NHWRB Number 245.04, Connecticut River Basin, Washington, New Hampshire. Phase I Inspection Report.
AD-A156 423/6 21-*548,461* MF A01

National Program for Inspection of Non-Federal Dam. First Connecticut Lake Dam (NH 00186), NHWRB 194.02, Connecticut River Basin, Pittsburg, New Hampshire. Phase I Inspection Report.
AD-A156 424/4 21-*548,462* MF A01

National Program for Inspection of Non-Federal Dams. Lower Mountain Lake (NH 00195), Connecticut River Basin, Haverhill, New Hampshire. Phase I Inspection Report.
AD-A156 427/7 21-*548,463* MF A01

National Program for Inspection of Non-Federal Dams. Baker Floodwater Reservoir Site 5 and Dike (NH 00245 & 00246), NHWRB Number 249.11, Merrimack River Basin, Wentworth, New Hampshire. Phase I Inspection Report.
AD-A156 429/3 21-*548,465* MF A01

National Program for Inspection of Non-Federal Dam. Tyler Tree Farm Dam (NH 00325), State Number 162.04, Connecticut River Basin, Monroe, New Hampshire. Phase I Inspection Report.
AD-A156 438/4 21-*548,470* MF A01

National Program for Inspection of Non-Federal Dams. Souhegan River Watershed Dam Number 33 (NH 00265), NHWRB 254.34, Merrimack River Basin, Wilton, New Hampshire. Phase I Inspection Report.
AD-A156 442/6 21-*548,472* MF A01

National Program for Inspection of Non-Federal Dams. Meredith Reservoir Dam (NH 00308), Merrimack River Basin, Meredith, New Hampshire. Phase I Inspection Report.
AD-A156 444/2 21-*548,474* MF A01

National Program for Inspection of Non-Federal Dams, Goose Pond Dam (NH 00101), Connecticut River Basin, Keene, New Hampshire. Phase I Inspection Report.
AD-A156 450/9 21-*548,477* MF A01

National Program for Inspection of Non-Federal Dams, Harrisville Pond Dam (NH 00065), Merrimack River Basin, Harrisville, New Hampshire. Phase I Inspection Report.
AD-A156 455/8 21-*548,481* MF A01

National Program for Inspection of Non-Federal Dams, Second Connecticut Lake Dam (NH 00187) NHWRB 194.07, Connecticut River Basin, Pittsburg, New Hampshire. Phase I Inspection Report.
AD-A156 461/6 21-*548,482* MF A01

National Program for Inspection of Non-Federal Dams, Souhegan River Watershed Multiple Purpose Site Dam Number 12A (NH 00210 and 00211), Merrimack River Basin, Temple, New Hampshire. Phase I Inspection Report.
AD-A156 462/4 21-*548,483* MF A01

National Program for Inspection of Non-Federal Dams. Souhegan River Watershed Dam Number 35 (NH 00435), NHWRB 175.21, Merrimack River Basin, New Ipswich, New Hampshire. Phase I Inspection Report.
AD-A156 466/5 21-*548,484* MF A01

National Program for Inspection of Non-Federal Dams. Concord Water Works Dam (NH 00360), NHWRB Number 51.13, Merrimack River Basin, Concord, New Hampshire. Phase I Inspection Report.
AD-A156 467/3 21-*548,485* MF A01

National Program for Inspection of Non-Federal Dams. Enfield Reservoir Dam (NH 00354), State Number 36.08, Connecticut River Basin, Hanover, New Hampshire. Phase I Inspection Report.
AD-A156 470/7 21-*548,486* MF A01

National Program for Inspection of Non-Federal Dam. Olsen Dam (NH 00190), NHWRB 112.09, Connecticut River Basin, Haverhill, New Hampshire. Phase I Inspection Report.
AD-A156 473/1 21-*548,487* MF A01

National Program for Inspection of Non-Federal Dams. New Durham Dam (NH 00345), Merrimack River Basin, New Durham, New Hampshire. Phase I Inspection Report.
AD-A156 483/0 21-*548,491* MF A01

National Program for Inspection of Non-Federal Dams. Souhegan River Watershed Dam Number 28 (NH 00429) (NHWRB 147.26), Merrimack River Basin, Lyndeborough, New Hampshire. Phase I Inspection Report.
AD-A156 484/8 21-*548,492* MF A01

National Program for Inspection of Non-Federal Dams. Whitewater Brook Dam Number 2 (NH 00344) (NHWRB 47.30) Connecticut River Basin, Claremont, New Hampshire. Phase I Inspection Report.
AD-A156 522/5 21-*548,503* MF A01

National Program for Inspection of Non-Federal Dams. Souhegan River Watershed Dam Number 14 (NH 00433) (NHWRB 175.01) Merrimack River Basin, New Ipswich, New Hampshire. Phase I Inspection Report.
AD-A156 528/2 21-*548,506* MF A01

National Program for Inspection of Non-Federal Dams. Sanborn Pond Outlet Dam (NH 00182), NHWRB Number 143.10, Merrimack River Basin, Loudon, New Hampshire. Phase I Inspection Report.
AD-A156 530/8 21-*548,508* MF A01

National Program for Inspection of Non-Federal Dams. Murphy Dam (NH 00185), Connecticut River Basin, Pittsburg, New Hampshire. Phase I Inspection Report.
AD-A156 532/4 21-*548,509* MF A01

National Program for Inspection of Non-Federal Dams. Baker Floodwater Reservoir Site 11A (NH 00247), NHWRB Number 249.14, Merrimack River Basin, Wentworth, New Hampshire. Phase I Inspection Report.
AD-A156 533/2 21-*548,510* MF A01

National Program for Inspection of Non-Federal Dams. Stockwell Brook Dam (NH 00261), NHWRB 254.09, Merrimack River Basin, Wilton, New Hampshire. Phase I Inspection Report.
AD-A156 534/0 21-*548,511* MF A01

National Program for Inspection of Non-Federal Dams. Souhegan River Watershed Dam Number 26 (NH 00207), NHWRB 234.08, Merrimack River Basin, Temple, New Hampshire. Phase I Inspection Report.
AD-A156 537/3 21-*548,513* MF A01

National Program for Inspection of Non-Federal Dams. Gregg Lake Dam (NH 00056), NHWRB-9.03, Contoocook River Basin, Antrim, New Hampshire. Phase I Inspection Report.
AD-A156 545/6 21-*548,514* MF A01

National Program for Inspection of Non-Federal Dams. Storrs Pond Dam (NH 00050), NHWRB Number 108.07, Connecticut River Basin, Hanover, New Hampshire. Phase I Inspection Report.
AD-A156 546/4 21-*548,515* MF A01

National Program for Inspection of Non-Federal Dams, Bellamy Reservoir Dam (NH 00471), Piscataqua River Basin, Madbury, New Hampshire. Phase I Inspection Report.
AD-A156 549/8 21-*548,516* MF A01

National Program for Inspection of Non-Federal Dams, Loch Lyndon Reservoir Dam (NH 00392), State No. 168.01, Merrimack River Basin, Newbury, New Hampshire. Phase I Inspection Report.
AD-A156 554/8 21-*548,519* MF A01

National Program for Inspection of Non-Federal Dams, Souhegan River Watershed Dam Number 13 (NH 00432 & 00481). NHWRB175.20 Merrimack River Basin, New Ipswich, New Hampshire. Phase I Inspection Report.
AD-A156 555/5 21-*548,520* MF A01

National Program for Inspection of Non-Federal Dams. Mill Street Dam (ME-00273), Mousam River Basin, Sanford, Maine. Phase I Inspection Report.
AD-A156 563/9 21-*548,521* MF A01

National Program for Inspection of Non-Federal Dams. Upper Reservoir Dam (NH 00049) (NHWRB Number 108.06) Connecticut River Basin, Hanover, New Hampshire. Phase I Inspection Report.
AD-A156 566/2 21-*548,522* MF A01

National Program for Inspection of Non-Federal Dams. Almy Reservoir Dam (RI 01606), Pawtuxet River Basin, Johnston, Rhode Island. Phase I Inspection Report.
AD-A156 579/5 21-*548,523* PC A05/MF A01

National Program for Inspection of Non-Federal Dams. Barden Reservoir Dam (RI 03003) Pawtuxet River Basin, Scituate, Rhode Island. Phase I Inspection Report.
AD-A156 586/0 21-*548,526* PC A05/MF A01

National Program for Inspection of Non-Federal Dams. Harris Pond Dam (RI 03901), Providence River Basin, Woonsocket, Rhode Island. Phase I Inspection Report.
AD-A156 587/8 21-*548,527* PC A05/MF A01

National Program for Inspection of Non-Federal Dams. Woonsocket Reservoir Number 3 Dam (RI 02505) Blackstone River Basin, Smithfield-North Smithfield, Rhode Island. Phase I Inspection Report.
AD-A156 591/0 22-*550,580* MF A01

National Program for Inspection of Non-Federal Dams. Slack Reservoir Dam (RI 03104) Woonasquatucket River Basin, Smithfield, Rhode Island. Phase I Inspection Report.
AD-A156 594/4 22-*550,581* PC A05/MF A01

National Program for Inspection of Non-Federal Dams. Burlingame Reservoir, Upper Dam (RI 01306) Blackstone River Basin, Glocester, Rhode Island. Phase I Inspection Report.
AD-A156 680/1 22-*550,583* MF A01

National Program for Inspection of Non-Federal Dams. Clarkville Pond Dam (RI 01309) Quinebaug River Basin, Gloucester, Rhode Island. Phase I Inspection Report.
AD-A156 681/9 22-*550,584* MF A01

National Program for Inspection of Non-Federal Dams. Jewell Brook Dam Site Number 3, (VT 00016) (VT 00262) Connecticut River Basin, Ludlow, Vermont. Phase I Inspection Report.
AD-A156 682/7 22-*550,585* MF A01

National Program for Inspection of Non-Federal Dams. Natick Pond Dam (RI 03801) Pawtuxet River Basin, Warwick, Rhode Island. Phase I Inspection Report.
AD-A156 738/7 22-*550,589* MF A01

National Program for Inspection of Non-Federal Dams. Lawton Valley Reservoir Dam (RI 02701) Narragansett Bay Basin, Portsmouth, Rhode Island. Phase I Inspection Report.
AD-A156 740/3 22-*550,591* MF A01

National Program for Inspection of Non-Federal Dams. Kent Pond Dam (VT 00071) Connecticut River Basin, Sherburne, Vermont. Phase I Inspection Report.
AD-A156 744/5 22-*550,592* MF A01

National Program for Inspection of Non-Federal Dams. Site Number 1, Dead River Dam (NH 00473) Androscoggin River Basin, Berlin, New Hampshire. Phase I Inspection Report.
AD-A156 748/6 22-*550,594* MF A01

National Program for Inspection of Non-Federal Dams. Slatersville Reservoir Middile Dam (RI 02502) Blackstone River Basin, No. Smithfield, Rhode Island. Phase I Inspection Report.
AD-A156 749/4 22-*550,595* MF A01

National Program for Inspection of Non-Federal Dams. Ponaganset Reservoir Dam (RI 01304) Pawtuxet River Basin, Glocester, Rhode Island. Phase I Inspection Report.
AD-A156 750/2 22-*550,596* MF A01

National Program for Inspection of Non-Federal Dams. Westconnaug Reservoir Dam (RI 01201), Pawtuxet River Basin (North Branch), Foster, Rhode Island. Phase I Inspection Report.
AD-A156 838/5 22-*550,597* MF A01

National Program for Inspection of Non-Federal Dams. Souhegan River Watershed Dam Number 8 (NH 00474), (NHWRB147.28), Merrimack River Basin, Lyndeborough, New Hamaphire. Phase I Inspection Report.
AD-A156 839/3 22-*550,598* MF A01

National Program for Inspection of Non-Federal Dams. Baker Floodwater Reservoir Site 11 (NH 00478), NHWRB No. 249.13, Merrimack River Basin, Wentworth, New Hampshire. Phase I Inspection Report.
AD-A156 840/1 22-*550,599* MF A01

National Program for Inspection of Non-Federal Dams. Pascoag Reservoir Upper Dam (RI 00304), Blackstone River Basin, Burrillville, Rhode Island. Phase I Inspection Report.
AD-A156 841/9 22-*550,600* MF A01

National Program for Inspection of Non-Federal Dams. Flat River Reservoir Dam (RI 00601), Massachusetts/Rhode Island Coastal Basin, Cranston, Rhode Island. Phase I Inspection Report.
AD-A156 843/5 22-*550,601* MF A01

National Program for Inspection of Non-Federal Dams. Cranston Print Works Pond Dam (RI 00701), Pawtuxet River Basin, Cranston, Rhode Island. Phase I Inspection Report.
AD-A156 845/0 22-*550,603* MF A01

National Program for Inspection of Non-Federal Dams. Baker Floodwater Reservoir, Site A (NH 00477), NHWRB Number 249.15, Merrimack River Basin, Wentworth, New Hampshire. Phase I Inspection Report.
AD-A156 873/2 22-*550,604* MF A01

National Program for Inspection of Non-Federal Dams. Curran Lower Reservoir Dam (RI 00703), Massachusetts/Rhode Island Coastal Basin, Coventry, Rhode Island. Phase I Inspection Report.
AD-A156 874/0 22-*550,605* MF A01

National Program for Inspection of Non-Federal Dams. Freeses Pond Dam (NH-00472), NHWRB-61.02, Piscataqua River Basin, Deerfield, Phase I Inspection Report.
AD-A156 875/7 22-*550,606* MF A01

National Program for Inspection of Non-Federal Dams. Vondell Reservoir Dam (VT 001160) Connecticut River Basin, Woodstock, Vermont. Phase I Inspection Report.
AD-A156 941/7 22-*550,608* MF A01

National Program for Inspection of Non-Federal Dams. Youngs Brook Dam (VT 00165) Richelieu River Basin, Town of West Rutland, Rutland County, Vermont. Phase I Inspection Report.
AD-A156 976/3 22-*550,609* MF A01

National Program for Inspection of Non-Federal Dams. East Long Pond Dam (VT 00185) Richelieu River Basin Woodbury, Vermont. Phase I Inspection Report.
AD-A157 217/1 23-*553,357* MF A01

National Program for Inspection of Non-Federal Dams. Jewell Brook Dam Site Number I (VT 00014) Connecticut River Basin, Ludlow, Vermont. Phase I Inspection Report.
AD-A157 218/9 23-*553,358* MF A01

National Program for Inspection of Non-Federal Dams. Sunset Lake Dam (VT 00241) Connecticut River Basin, Brookfield, Vermont. Phase I Inspection Report.
AD-A157 228/8 23-*553,359* MF A01

National Program for Inspection of Non-Federal Dams. Jewell Brook Dam Site Number 5 (VT 00017) Connecticut River Basin, Ludlow, Vermont. Phase I Inspection Report.
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N85-11222/5 04-*509,429* PC **A03**/MF **A01**

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N85-16601/5 10-*521,739* PC **A02**/MF **A01**

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DE85001827 08-*517,975* PC **A02**/MF **A01**

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DE85700160 20-*546,657* PC **A02**/MF **A01**

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PB85-138782 06-*514,182* PC **E04/MF E04**

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Differential 3-Jet Cross Section in E exp + E exp - -Annihilation and Comparison with 2sup(Nd)-Order Predictions of QCD and Abelian Vector Theory.
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DE84702822 08-*517,865* PC **A02/MF A01**

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Charged Dsup(*) Production in e exp + e exp - Annihilation.
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DE85750521 15-*534,907* PC **A02/MF A01**

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New Results on e exp + e exp - -> mu exp + mu exp - from the JADE Detector at PETRA.
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DE85750571 15-*534,931* PC **A04/MF A01**

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DE85750716 15-*534,953* PC **A02/MF A01**

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DE85750991 19-*544,159* PC **A02/MF A01**

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DE85751034 19-*544,174* PC **A06/MF A01**

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DE85751037 19-*544,177* PC **A11/MF A01**

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DE85751262 24-*556,879* PC **A03/MF A01**

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DE85751577 20-*546,812* PC **A12/MF A01**

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DE85751628 22-*551,616* PC **A02/MF A01**

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DE85751629 22-*551,617* PC **A02/MF A01**

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DE85752089 26-*561,873* PC **A02/MF A01**

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DE85752090 26-*561,874* PC **A02**/MF **A01**

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DE85752130 26-*561,877* PC **A02**/MF **A01**

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DE85780711 15-*535,005* PC **A07**/MF **A01**

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PB85-157287 10-*523,035* PC **E03**/MF **E03**

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Morphology of the Polar Rain.
AD-A149 840/1 09-*518,448* PC **A02**/MF **A01**

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AD-A153 935/2 16-*535,383* PC **A02**/MF **A01**

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PB85-202646 19-*540,376* Not available NTIS

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Recent Progress in Electron Scattering at SLAC.
DE85002718 08-*517,984* PC **A02**/MF **A01**

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PB85-186476 16-*536,848* PC **E03**/MF **E03**

Look to the Future, the Physics of High Energy e(+)e(-) and ep Collisions,
PB85-231835 23-*554,269* PC **E04**/MF **E04**

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N85-12935/1 07-*515,602* PC **A07**/MF **A01**

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PB85-232270 23-*553,593* PC **A02**/MF **A01**

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N85-25387/0 18-*541,923* PC **A04**/MF **A01**

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Innovations in Atomic Absorption Spectrometry with Electrothermal Atomization for Determining Lead in Foods.
PB85-203495 19-*542,818* Not available NTIS

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N85-11132/6 04-*510,426* PC **A04**/MF **A01**

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PAT-APPL-6-636 463 01-*502,659* PC **A02**/MF **A01**

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AD-A158 637/9 25-*558,787* PC **A03**/MF **A01**

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PB85-138806 06-*514,183* PC **E03**/MF **E03**

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PB85-240109 25-*558,466* PC **A02**/MF **A01**

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ELEMENT 106

Calculated Masses and Half-Lives for Nuclei in the Region 100 Less Than or Equal to Z Less Than or Equal to 110.
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ELEMENT 106 ISOTOPES

Discovery of Element 108 - the Island of alpha -Active Nuclei Beyond Element 105.
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ELEMENT 108

Calculated Masses and Half-Lives for Nuclei in the Region 100 Less Than or Equal to Z Less Than or Equal to 110.
DE85002046 05-*512,500* PC **A02**/MF **A01**

Calculated Masses and Decay Properties for Heavy and Superheavy Elements.
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Discovery of Element 108 - the Island of alpha -Active Nuclei Beyond Element 105.
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Calculated Masses and Decay Properties for Heavy and Superheavy Elements.
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ELEMENT 110

Calculated Masses and Half-Lives for Nuclei in the Region 100 Less Than or Equal to Z Less Than or Equal to 110.
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DE84702904 09-*518,874* PC **A02**/MF **A01**

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ED-249 928 11-*523,558* Not available NTIS

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N84-34246/8 01-*502,550* PC **A02**/MF **A01**

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N85-31970/5 23-*554,257* PC **A03**/MF **A01**

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PB85-117729 03-*507,620* PC **E03**/MF **E03**

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PB85-138806 06-*514,183* PC **E03**/MF **E03**

ELEMENTARY SCHOOL MATHEMATICS

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ED-255 195 22-*549,664* Not available NTIS

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National Education Practice File. Final Report. Evaluation Report,
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ELEVATORS (CONTROL SURFACES)

Application of Linear Optimal Control Theory to the Design of the Elevator Control System of the DHC-2 Beaver Experimental Aircraft.
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Proposals for the Determination of Necessary Elevator Handling Characteristics of Sailplanes in High Speed Range.
N85-27882/8 20-*544,502* PC **A03**/MF **A01**

ELEVATORS (LIFTS)

Vibrations Isolation of an Elevator System,
AD-P004 718/3 19-*543,566* PC **A02**/MF **A01**

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Separation of Tritium from Aqueous Effluents.
PB85-176451 13-*530,151* PC **E05**/MF **E05**

ELIGIBILITY

Eligibility Verification and Privacy in Federal Benefit Programs: A Delicate Balance.
PB85-174381 14-*531,088* PC **A06**/MF **A01**

ELIPSE COMPUTER PROGRAM

UTM (Universal Transverse Mercator) Determinations from Geographical Data.
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ELISA TECHNIQUE

Enzyme-Linked Immunosorbent Assay for Detection of Antibodies to Pseudomonas aeruginosa Exoproteins.
AD-A157 162/9 23-*552,352* PC **A02**/MF **A01**

ELITE GROUPS

Study of the Social Orgins of a United States Elite: The U.S. Army.
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ELK

Tree Basal Area as an Index of Thermal Cover for Elk.
PB85-243459 26-*560,059* PC **A02**/MF **A01**

ELLIOT BAY

Long-Term Impacts Induced by Disposal of Contaminated River Sediments in Elliott Bay, Seattle, Washington.
AD-A148 815/4 06-*513,713* PC **A11**/MF **A01**

ELLIOT LAKE

Submission to the Royal Commission on Health and Environmental Protection - Uranium Mining. Phase 7: Public and Worker Health.
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ELLIPSES

UTM (Universal Transverse Mercator) Determinations from Geographical Data.
AD-A152 293/7 14-*531,549* PC A02/MF A01

ELLIPSOIDS

Computation of the Inviscid Velocity Potential for General Ellipsoids on a Nearly Quadratic Surface Grid.
N85-20287/7 14-*532,576* PC A06/MF A01

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Etude de Chocs au Moyen d'un Ellipsometre a Deux Faisceaux Laser (Study of Shocks with the Help of an Ellispometer with Two Laser Beams),
PB85-161693 11-*524,820* PC E05/MF E05

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ELLIPTIC DIFFERENTIAL EQUATIONS

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Vectorization and Implementation of an Efficient Multigrid Algorithm for the Solution of Elliptic Partial Differential Equations.
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PB85-213817 18-541,192 PC A02/MF A01

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PB85-213825 18-541,193 PC A03/MF A01

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PB85-213833 18-541,194 PC A02/MF A01

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PB85-213841 18-541,195 PC A02/MF A01

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PB85-214070 18-*541,205* PC **A02**/MF **A01**

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N85-25044/7 17-*537,115* PC **A03**/MF **A01**

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N85-30034/1 22-*550,408* PC **A02**/MF **A01**

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18-*540,632*
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Global Maps of foF2 Derived from Observations and Theoretical Values.
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AD-A146 367/8 01-*501,516* PC **A03**/MF **A01**

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AD-A146 881/8 02-*504,375* PC **A08**/MF **A01**

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AD-A148 729/7 06-*513,538* PC **A04**/MF **A01**

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AD-A149 275/0 08-*516,850* PC **A04**/MF **A01**

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AD-A149 403/8 08-*517,154* PC **A02**/MF **A01**

Design of an Optical Closed Bomb (OCB).
AD-A149 991/2 09-*519,796* MF **A01**

Behaviour of Fibre-Reinforced Composites under Dynamic Tension.
AD-A150 619/5 10-*522,095* PC **A04**/MF **A01**

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AD-A150 863/9 11-*524,447* PC **A02**/MF **A01**

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AD-A151 513/9 12-*527,079* PC **A02**/MF **A01**

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AD-A151 599/8 12-*527,080* PC **A03**/MF **A01**

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AD-A153 466/8 16-*536,126* PC **A06**/MF **A01**

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AD-A155 316/2 21-*548,121* PC **A03**/MF **A01**

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AD-A156 656/1 22-*550,403* PC **A02**/MF **A01**

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AD-A157 690/9 24-*555,715* PC **A03**/MF **A01**

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AD-A157 858/2 24-*555,718* PC **A06**/MF **A01**

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AD-P004 702/7 19-*543,180* PC **A02**/MF **A01**

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AD-P004 704/3 19-*543,182* PC **A02**/MF **A01**

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N84-34577/6 02-*504,052* PC **A02**/MF **A01**

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N85-12093/9 06-*513,626* PC **A03**/MF **A01**

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N85-12966/6 07-*514,974* PC **A08**/MF **A01**

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N85-15626/9 10-*522,099* PC **A10**/MF **A01**

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N85-17047/0 11-*524,452* PC **A04**/MF **A01**

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N85-20118/4 14-*531,842* PC **A06**/MF **A01**

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N85-26923/1 19-*543,188* PC **A04**/MF **A01**

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N85-26924/9 19-*543,189* PC **A03**/MF **A01**

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N85-28102/0 20-*545,519* PC **A03**/MF **A01**

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N85-30034/1 22-*550,408* PC **A02**/MF **A01**

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AD-A150 802/7 11-*524,443* PC **A14**/MF **A01**

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AD-A154 704/1 18-*540,797* PC **A03**/MF **A01**

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N85-12095/4 06-*513,545* PC **A02**/MF **A01**

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PB85-111706 05-*511,675*
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PAT-APPL-6-601 751 01-*502,093* PC **A02**/MF **A01**

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PB85-164630 11-*524,458* PC **E04**/MF **E01**

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PB85-165270 16-*535,931* PC **A02**/MF **A01**

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PB85-188878 16-*535,700* PC **A17**/MF **A01**

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AD-A147 048/3 02-*505,092* PC **A02**/MF **A01**

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AD-A148 227/2 06-*511,454* PC **A02**/MF **A01**

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AD-A148 240/5 06-*511,455* PC **A03**/MF **A01**

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AD-A151 995/6 13-*530,537* PC **A02**/MF **A01**

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AD-A152 249/9 13-*530,300* PC **A02**/MF **A01**

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AD-A152 720/9 14-*531,633* PC **A02**/MF **A01**

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AD-A153 562/4 16-*536,040* PC **A02**/MF **A01**

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AD-A154 279/4 17-*537,881* PC **A02**/MF **A01**

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AD-A154 280/2 17-*537,882* PC **A02**/MF **A01**

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AD-A154 698/5 18-*541,874* PC **A05**/MF **A01**

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N85-20905/4 14-*531,642* PC **A05**/MF **A01**

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PAT-APPL-6-514 891 01-*501,272* PC **A02**/MF **A01**

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PAT-APPL-6-602 109 21-*547,907* PC **A03**/MF **A01**

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PAT-APPL-6-641 146 01-*501,350* PC **A02**/MF **A01**

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PAT-APPL-6-709 476 17-*537,899* PC **A02**/MF **A01**

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PAT-APPL-6-749 368 23-*552,763* PC **A02**/MF **A01**

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PATENT-4 456 889 03-*506,225* Not available NTIS

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PATENT-4 468 851 11-*524,211* Not available NTIS

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ED-244 602 04-*508,263* Not available NTIS

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Relationship of Film Theory to Instructional Television,
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FLUE GAS DESULFURIZATION

Flue Gas Desulfurization.
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FLUE GAS DISULFURIZATION

Development of Corrosion Resistant Heat Exchangers for Flue Gas Desulfurization.
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FLUORINE 24

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DE85751161 **25**-*559,606* PC **A02**/MF **A0**

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DE85751179 **25**-*557,284* PC **A10**/MF **A01**

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DE85751236 **24**-*556,865* PC **A02**/MF **A01**

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DE85751237 **24**-*556,866* PC **A03**/MF **A01**

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First Observation of beta -Delayed Triton Emission.
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DE85751247 **24**-*556,873* PC **A02**/MF **A01**

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DE85751265 **24**-*556,306* PC **A02**/MF **A01**

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DE85751267 **24**-*556,880* PC **A02**/MF **A01**

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DE85751305 **20**-*546,771* PC **A02**/MF **A01**

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Simulators as Safety Analysis Tool.
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DE85751320 **20**-*544,567* PC **A02**/MF **A01**

Thomas-Fermi Equation of State of Hot Dense Matter.
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Pi sup 0 -4 pi . A Pi sup 0 High Solid Angle Detector and Spectrometer.
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N84-33444/0 01-*501,389* PC A02/MF A01

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N84-33445/7 01-*502,776* PC A06/MF A01

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N84-33459/8 01-*502,770* PC **A09**/MF **A01**

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N84-33531/4 01-*500,935* PC **A02**/MF **A01**

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N84-33552/0 01-*501,070* PC **A05**/MF **A01**

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N84-33553/8 01-*501,974* PC **A08**/MF **A01**

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N84-33563/5 01-*501,553* PC **A02**/MF **A01**

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N84-33585/0 01-*501,555* PC **A05**/MF **A01**

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N84-33620/5 01-*501,874* PC **A03**/MF **A01**

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N84-33637/9 01-*502,647* PC **A02**/MF **A01**

Sintetizador/Modulador FM de 1200 Canais Para Transmissao Scpc de Sinais de Voz Por Satelite (FM Synthesizer-Modulator with 1200 Channels for SCPC Transmission of Voice Signals by Satellite).
N84-33638/7 01-*502,086* PC **A02**/MF **A01**

Sistema de Comutacao (Decommutation System).
N84-33639/5 01-*502,087* PC **A02**/MF **A01**

Propagacao de Ondas Eletromagneticas Em Meiod Magnetoionicos (Electromagnetic Wave Propagation in Magnetoionic Media).
N84-33640/3 01-*502,648* PC **A03**/MF **A01**

Radio Spectrum Conservation Technique.
N84-33653/6 01-*502,088* PC **A03**/MF **A01**

Erzeugung Zweistufuger Sufallsgraphen (Generation of Two Stage Random Graphs).
N84-33654/4 01-*502,089* PC **A02**/MF **A01**

Evaluation of Microstrip Radiators as Feeds for Reflector Antenna.
N84-33655/1 01-*501,375* PC **A04**/MF **A01**

Development of a Slotted Waveguide Array Panel for SAR Antenna: Electrical Design and Testing.
N84-33656/9 01-*501,376* PC **A13**/MF **A01**

Analise de Tolerancias de Uma Linha Em Microstrip Pelo Metodo Monte-Carlo (Analysis of Microstrip Line Tolerance Using the Monte-Carlo Method).
N84-33705/4 01-*501,269* PC **A02**/MF **A01**

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Oscilador de Microondas Controlado Por Tensao E Estabilizado for Cavidade Ressonante Em 1250 Mhz (A Microwave Oscillator Controlled by Pressure and Stabilized by a 1250 Mhz Cavity Resonator).
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Effects of Transient Ionizing Radiation in Various Generations of TTL-Circuits in the 54/74 Series.
N84-33736/9 01-*501,379* PC **A05**/MF **A01**

Superconducting AC Generators.
N84-33737/7 01-*501,451* PC **A22**/MF **A01**

M. A. N. -Waermepumpen in Industrie und Kommunen und Ihre Wirtschaftlichkeit (M.a.N. Heat Pumps in Industry and Communities, and Their Efficiency).
N84-33755/9 01-*501,700* PC **A02**/MF **A01**

Oscillatory Convection.
N84-33756/7 01-*502,381* PC **A05**/MF **A01**

Special Course on Stability and Transition of Laminar Flow.
N84-33757/5 01-*500,016* PC **A11**/MF **A01**

Balloon Test Project: Cosmic Ray Antimatter Calorimeter (CRAC).
N84-33772/4 01-*502,171* PC **A03**/MF **A01**

Scintillometer for Measuring Atmospheric Turbulence.
N84-33785/6 01-*501,976* PC **A04**/MF **A01**

High Resolution System for Analogue Recording and Digital Processing of Measured Values in Fusion Research.
N84-33786/4 01-*502,009* PC **A03**/MF **A01**

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N84-33787/2 01-*502,012* PC **A03**/MF **A01**

Study for Developing an Ultrasonic Doppler Flowmeter.
N84-33788/0 01-*500,789* PC **A04**/MF **A01**

Multipoint Method for Sample Temperature Measurement in a Mirror Furnace.
N84-33789/8 01-*501,977* PC **A04**/MF **A01**

Teoria Do Laser de Eletrons Livres (The Theory of Free Electron Lasers).
N84-33790/6 01-*502,396* PC **A08**/MF **A01**

Development of Hardware and Software for Automatic Optical Surface Inspection with Laser Scanners.
N84-33805/2 01-*501,877* PC **A02**/MF **A01**

Optically Nonlinear Materials for Tunable UV-Lasers.
N84-33806/0 01-*502,417* PC **A09**/MF **A01**

Lebensdauerversuche an Kugellagern bei 120 C in Helium-Atmosphaere (Life Tests of Ball Bearings at 120C in Helium Atmosphere).
N84-33816/9 01-*501,889* PC **A08**/MF **A01**

Steigerung der Wirtschaftlichkeit Moderner Viertakt-Dieselmotoren im Generatorbetrieb (Enhanced Efficiency of Modern Four-Stroke Diesel Engines in Generator Operation).
N84-33817/7 01-*502,747* PC **A02**/MF **A01**

Control and Supervision of Nut Fastening by Means of a Microcomputer.
N84-33818/5 01-*501,878* PC **A03**/MF **A01**

Development of an Electrically Controllable Gas Flow Valve for Use in Patient Ventilators.
N84-33819/3 01-*500,790* PC **A03**/MF **A01**

Torque Properties of Oscillating, Dry-Lubricated Ball Bearings in Vacuum.
N84-33820/1 01-*501,890* PC **A02**/MF **A01**

Data Report. Low Temperature Science. Series A: Physical Sciences.
N84-33842/5 01-*500,225* PC **A04**/MF **A01**

O USO de Satelites Meteorologicos Em Hidrologia (On the Use of Meteorologic Satellites in Hydrology).
N84-33851/6 01-*501,180* PC **A02**/MF **A01**

Medidad de Qualidade de Estimadores de Proporcoes de Classes Dentro de Um Pixel de Imagens de Satelite (Quality Measures for Estimating the Proportions of Different Classes within a Single Image Resolution Element (Pixel)).
N84-33852/4 01-*501,328* PC **A03**/MF **A01**

Projeto Mapeamento DA Alteracao Do USO Do Solo DA Regiao Carbonifera de Santa Catarine - Relatorio Preliminar (Mapping Project on Land Use Changes in the Carboniferous Region of Santa Catarina).
N84-33853/2 01-*501,152* PC **A02**/MF **A01**

Areas Irrigadas: Monitoramento Por Sensoriamento Remoto (Irrigated Lands: Monitoring by Remote Sensing).
N84-33854/0 01-*500,080* PC **A02**/MF **A01**

Inventario de Floresta Plantada Atraves de Amostragem Em Multiplo Estagio COM Probabilidade Proporcional a Grandeza (Forestry Inventory Based on Multistage Sampling with Probability Proportional to Size).
N84-33855/7 01-*500,097* PC **A03**/MF **A01**

Estudo Comparativo Entre Diferentes Produtos de Sistemas Sensores Aplicados a Analise Litologico-Estrutural No Quadrilatero Ferrifero, Minas Gerais (A Comparative Study of Different Products of Sensor Systems Applied to a Lithologic-Structural Analysis of the Quadrilatero Ferrifero Area, Minas Gerais).
N84-33856/5 01-*501,174* PC **A08**/MF **A01**

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N84-33857/3 01-*501,153* PC **A24**/MF **A01**

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N84-33946/4 01-*501,154* PC **A18**/MF **A01**

Recherche de Fonctions Texturantes, Applications au Zonage Econographique et a la Cartographie de l'Occupation des Terres d'UN Bassin Versant: L'Aveyron (Investigation of Texturing Functions. Application to Ecographical Zoning and to Mapping Land Use in a Sloping Basin: The Aveyron).
N84-34001/7 01-*501,750* PC **A04**/MF **A01**

Feasibility Study on the Application of Fabry-Perot Interferometry and Imaging Photon Detectors to Ocean Colour Monitoring.
N84-34002/5 01-*501,238* PC **A03**/MF **A01**

Ocean Color Working Group Report to ESA Observation Advisory Committee.
N84-34003/3 01-*501,239* PC **A04**/MF **A01**

Solarenergie - M. A. N. - Systeme und Ihre Wirtschaftlichkeit (Solar Energy. M.a.N. Systems and Their Efficiency).
N84-34045/4 01-*501,424* PC **A02**/MF **A01**

Windenergie - M. A. N. - Systeme und Ihre Wirtschaftlichkeit (Wind Energy. M.A.N. Systems and Their Efficiency).
N84-34046/2 01-*501,425* PC **A02**/MF **A01**

Erhoehung der Stromkennzahl in Industrie-Kraftwerken - Anpassung der Kraft-Waerme-Kopplung an Eine Neue Verbrauchsstruktur in Betrieb (Increase of the Electric Power Characteristic Number in Industrial Power Stations. Adaptation of Power-Heat Coupling (PHC) to a New Consumption Structure).
N84-34047/0 01-*501,426* PC **A02**/MF **A01**

Stuendliche Werte von Strom- und Waermebedarf und die Strombezugskonditionen. Grundlagen der Bhkw-Auslegung (Hourly Values of Electricity and Heat Consumption and Electricity Supply Conditions. Fundamentals of Block Heating Power Station (Bhps) Construction).
N84-34048/8 01-*501,427* PC **A03**/MF **A01**

Wirtschaftlichkeit und Betriebserfahrungen von Bhkw-Anlagen (Efficiency and Operating Experience of Block Heating Power Stations (Bhps)).
N84-34049/6 01-*501,701* PC **A03**/MF **A01**

Development of a Wind Energy Converter with Single Blade Rotor.
N84-34050/4 01-*501,428* PC **A03**/MF **A01**

Development of a Production Process for Central Receiver Coatings.
N84-34051/2 01-*501,880* PC **A07**/MF **A01**

Analise Quimica de Ions Em Aguas de Chuva de Regioes Naturais. Correlacoes COM Aerossois Atmosfericos (Chemical Analysis of Ions in Rain Water in Natural Regions: Correlations with Aerosols in the Atmosphere).
N84-34052/0 01-*501,074* PC **A03**/MF **A01**

Analise Quimica Preliminar das Aguas de Chuva de Cubatao - Impactos Abientais (Preliminary Chemical Analysis of Rain Water in Cubatao: Ambient Effects).
N84-34053/8 01-*501,075* PC **A02**/MF **A01**

Quantitative Determination of Gaseous Air Pollutants by Semiconducting Sensors.
N84-34058/7 01-*501,076* PC **A05**/MF **A01**

Barreira Do Inferno: 5 Anos de Pesquisa COM Ozonio (Barreira Do Inferno: Five Years of Ozone Research).
N84-34073/6 01-*500,188* PC **A02**/MF **A01**

Study of the System of Middle Atmosphere-Ionosphere Using Remote-Sensing Data.
N84-34074/4 01-*500,189* PC **A02**/MF **A01**

Desenvolvimento de Um Sistema Automatico de Tratamento de Dados Magnetotelurícos (Development of an Automatic System for the Treatment of Magnetotelluric Data).
N84-34075/1 01-*501,979* PC **A08**/MF **A01**

Guide to the Geology of Australia.
N84-34076/9 01-*501,175* PC **A08**/MF **A01**

Oligocene and Miocene Larger Foraminiferida from Australia and New Zealand.
N84-34077/7 01-*501,176* PC **A08**/MF **A01**

Tertiary Foraminifera and Age of Sediments, Ok Tedi-Wabag, Papua New Guinea.
N84-34078/5 01-*501,177* PC **A07**/MF **A01**

Introducao a Geofisica DA Atmosfera (Introduction to Atmospheric Geophysics).
N84-34079/3 01-*500,190* PC **A02**/MF **A01**

Varicao DA Ocorrencia DA Camada F Espalhada COM O Ciclo Solar Em Fortaleza E Cachoeira Paulista (The Variation of Range Type Spread F Occurrence with a Solar Cycle at Fortaleza and Cachoeira Paulista).
N84-34080/1 01-*500,191* PC **A02**/MF **A01**

Distribuicao Temporal E Latitudinal das Irregularidades Ionosfericas No Brasil, Atraves de Analise de Dados de Ch

[illegible] Em VHF E Ionogramas (Temporal and Latitudinal Distribution of Ionosphere Irregularity in Brazil, Data Analysis of Scintillations in Very High Frequencies and Ionograms).
N84-34091/9 01-*500,182* PC **A06**/MF **A01**

[illegible] Observations of Typhoon 8205, 8212, 8213.
N84-34092/6 01-*500,227* PC **A08**/MF **A01**

Workshop Sobre Ciencias DA Atmosfera No Inpe a Meteorologia DA Regiao Antartica (Atmospheric Science Workshop on the Meteorology of the Antarctic Region at INPE).
N84-34093/4 01-*500,228* PC **A03**/MF **A01**

Tracado Automatico de Carta Sinotica (Automatic Drawing of Synoptic Charts).
N84-34094/2 01-*500,229* PC **A02**/MF **A01**

Meteorologia Sinotica DA Antartica (Synoptic Meteorology in Antarctica).
N84-34095/9 01-*500,230* PC **A03**/MF **A01**

Visita Cientifica AO Instituto de Estudos Polares Do Japao (A Scientific Visit to the Institute of Polar Study of Japan).
N84-34097/5 01-*500,231* PC **A03**/MF **A01**

Spatial and Temporal Distribution of Diffuse and Direct Solar Radiation in the Federal Republic of Germany.
N84-34110/6 01-*500,193* PC **A07**/MF **A01**

Primeira Tentativa de Identificacao de Areas Favoraveis a Ocorrencia de Bonito-Listrado (Katsuwonus Pelamis), Atraves DA Analise de Dados Oceanograficos NA Regiao Sudeste-Sul Do Brasil (A First Attempt to Identify Areas of High Probability for the Occurrence of Surface Skipjack Schools (Katsuwonus Pelamis), from an Analysis of Oceanographic Data for the South-Southeast Region of Brazil).
N84-34112/2 01-*500,590* PC **A05**/MF **A01**

Ultrastructural Alterations in Skeletal Muscle Fibers of Rats after Exercise.
N84-34117/1 01-*500,866* PC **A02**/MF **A01**

Stability of Atropine, Stored in the Swedish Autoinjector.
N84-34127/0 01-*500,820* PC **A02**/MF **A01**

Controles Microprogramados Simples - Uma Alternativa Atraente (Simple Microprogrammed Controllers: An Alternate Approach).
N84-34171/8 01-*501,329* PC **A02**/MF **A01**

System Design of a Remotely Operated, Program Controlled Measurement Table for the Calibration of the Egret Experiment. Part A: Program Control.
N84-34172/6 01-*501,330* PC **A04**/MF **A01**

Desenvolvimento DA Linguagem LANAC/II Para Programacao Concorrente (Development of LANAC/II Language for Concurrent Programming).
N84-34180/9 01-*501,331* PC **A02**/MF **A01**

Unidade de Armazenamento Emdisco Flexivel (Flexible Disk Data Storage Unit).
N84-34181/7 01-*501,332* PC **A04**/MF **A01**

Introducao a Linguagem Pascal (Introduction to Pascal Language).
N84-34182/5 01-*501,333* PC **A03**/MF **A01**

Pascal-Mp: Uma Linguagem Para Manipulacao Algebrica E Numerica de Polinomios (PASCAL-MP: A Language for the Algebraic and Numerical Manipulation of Polynomials).
N84-34183/3 01-*501,334* PC **A02**/MF **A01**

Procaoc: Um Programa Para Calculo, Analise E Optimizacao de Circuitos Em Microondas (Procaoc: A Program for Computation, Analysis and Optimization of Circuits).
N84-34184/1 01-*501,380* PC **A02**/MF **A01**

Projeto de Dispositivos Ativos E Passivos Em Microondas COM Auxilio de Computador (Project Active and Passive Microwave Devices with Auxiliary Computer).
N84-34185/8 01-*501,381* PC **A07**/MF **A01**

Desempenho, No Pior Caso, de Algumas Heuristicas Para Problemas de Tamanho de Lote (Worst Case Performance of Some Heuristics for Lot Size Problems).
N84-34205/4 01-*501,675* PC **A02**/MF **A01**

Equivalencia Entre Problemas de Maximizacao Sujeitos a Restricoes de Desigualdade (Equivalence Between Maximization Problems Subjected to Inequality Constraints).
N84-34206/2 01-*501,657* PC **A02**/MF **A01**

Square-Full Integers in a Short Interval.
N84-34212/0 01-*501,658* PC **A02**/MF **A01**

Multigrid Finite Element Method.
N84-34213/8 01-*501,659* PC **A03**/MF **A01**

Local and Global Existence and Behavior for T Tends to Infinity Navier-Stokes Equations.
N84-34214/6 01-*502,382* PC **A02**/MF **A01**

Multiparameter Maximal Functions Along Dilation-Invariant Hypersurfaces.
N84-34215/3 01-*501,660* PC **A02**/MF **A01**

Canonical Commutation Relations and Gauss' Law in the Temporal Gauge.
N84-34216/1 01-*501,661* PC **A02**/MF **A01**

Local and Global Integrability of Anomalous Ward Identities.
N84-34217/9 01-*502,589* PC **A02**/MF **A01**

Remark on the Korteweg-de Vries Equation.
N84-34218/7 01-*501,662* PC **A02**/MF **A01**

Weak Interactions on the Lattice.
N84-34219/5 01-*502,549* PC **A02**/MF **A01**

Integrals of the n-Body Problem.
N84-34220/3 01-*500,155* PC **A02**/MF **A01**

Qualitative Analysis of the Anisotropic Kepler Problem.
N84-34221/1 01-*500,156* PC **A06**/MF **A01**

Detection-Filter Representations for Markov Jump Diffusions.
N84-34226/0 01-*501,361* PC **A03**/MF **A01**

Chow Groups of Conic Bundle Surfaces.
N84-34228/6 01-*501,663* PC **A02**/MF **A01**

Zur Beruecksichtigung von Flugzeugen MIT Laermzulassung Nach Icao Annex 16 bei der Ermittlung von Laermschutzbereichen Nach Dem Gesetz Schutz Gegen Fluglaerm (The Effect of Aircraft with Noise Certificates According to Class Icao Annex 16 on the Determination of Noise Protection Domains Following the Law on Protection Against Aircraft Noise).
N84-34234/4 01-*500,045* PC **A02**/MF **A01**

Search for Excited Quarks.
N84-34246/8 01-*502,550* PC **A02**/MF **A01**

Testing the Six Quark Scheme.
N84-34247/6 01-*502,551* PC **A02**/MF **A01**

Untersuchung der Beitraege Chemischer und van-der Waals Kraefte Auf die Wechselwirkung von Fluor-Atomen MIT AR, Kr und Xe Aus Molekularstrahlstreuuntersuchungen Integraler Streuquerschnitte (Study of the Contributions of Chemical and van der Waal Forces to Interaction Between Fluorine and Ar, Kr and Xe, Using Molecular Beam Scattering Investigations of Integral Scattering Cross Sections).
N84-34248/4 01-*501,077* PC **A09**/MF **A01**

Energietransfer bei Atom-Molekuel-Stoessenueberthermischer Stossenergie (Energy Transfer in Atom-Molecule Collisions with Suprathermal Collision Energy).
N84-34249/2 01-*501,078* PC **A06**/MF **A01**

Activities in Nuclear and High Energy Physics.
N84-34250/0 01-*502,552* PC **A02**/MF **A01**

Research on the Use of Metal-Organic Compounds as Photoconductors in Electrophotography.
N84-34262/5 01-*502,017* PC **A06**/MF **A01**

Development of a 60 cm Photographic Zenith Telescope, and Construction of a Prototype.
N84-34263/3 01-*502,416* PC **A03**/MF **A01**

Development of Optomechanical Deflectors for Light Beams and Electronical-Optical Deflectors with Subsequent Generation of Light to Represent Characters Digitally or Partially.
N84-34264/1 01-*502,018* PC **A04**/MF **A01**

Turbulent Diffusion for the Radial Twist Map.
N84-34267/4 01-*502,563* PC **A02**/MF **A01**

Catastrophe in Plasma Focus Evolution.
N84-34268/2 01-*502,564* PC **A02**/MF **A01**

Numerical Analysis on the Ion Species Ratios in a Steady State Hydrogen Plasma.
N84-34269/0 01-*502,565* PC **A03**/MF **A01**

Alpha-Particle Simulation Using Nbi Beam and ICRF Wave.
N84-34270/8 01-*502,566* PC **A03**/MF **A01**

Impurity Origin During ICRF Heating in Jipp T-Iiu Tokamak.
N84-34271/6 01-*502,567* PC **A03**/MF **A01**

Visible-Light Imaging MHD Studies of the Edge Plasma in the Jipp-T-IIU Tokamak.
N84-34272/4 01-*502,568* PC **A02**/MF **A01**

Abnormal Energy Deposition on the Wall Through Plasma Disruptions.
N84-34273/2 01-*502,569* PC **A02**/MF **A01**

Effects of Neutrals on Particle Transport of a Plasma.
N84-34274/0 01-*502,570* PC **A02**/MF **A01**

Effect of Annealing under Thermodynamically Stable Conditions on the Formation and Transformation of Structural Defects in Diamond Monocrystals.
N84-34288/0 01-*502,361* PC **A02**

Crystallization of Cubic Boron Nitride in the Presence of Silicon.
N84-34289/8 01-*502,362* PC **A02**

Apparatus for the Determination of Ion Drift in MIS Structures.
N84-34301/1 01-*501,980* PC **A03**/MF **A01**

Magnetooptische Untersuchungen an Epitaktischen EuS-Schishten und (EuS-/SrS)-Schichtsystemen (Magneto-Optical Studies of Epitaxial EuS Films and (EuS/SrS) Layer Systems).
N84-34302/9 01-*502,640* PC **A04**/MF **A01**

Superconducting Resonators.
N84-34303/7 01-*501,271* PC **A06**/MF **A01**

Investigation of Electro-Optical Effects in Liquid Crystals for High Information Density over a Wide Temperature Range.
N84-34304/5 01-*501,337* PC **A07**/MF **A01**

Optimierung des Thermodynamischen Kriesslaufs Eines Sammelschienen-Heizkraft-Werkes (Optimization of the Thermodynamic Cycles of a Collective Heating Power Station).
N84-34305/2 01-*501,472* PC **A03**/MF **A01**

Basic Concept of Particle Rest Mass in a Quantized Relativistic Universe.
N84-34306/0 01-*502,590* PC **A03**/MF **A01**

Salarios NA Carreira de Pesquisa (Research Salaries).
N84-34307/8 01-*500,255* PC **A03**/MF **A01**

Dificuldades Para Planejar Ciencia E Tecnologia (Difficulties of Scientific and Technological Planning).
N84-34308/6 01-*500,511* PC **A02**/MF **A01**

Heuristica Para O Problema de Distribuicao de Cargas Perecivels (Heuristic Method for the Problem of the Distribution of Perishable Cargos).
N84-34309/4 01-*500,256* PC **A02**/MF **A01**

Problema de Determinacao de Politica Otima Para Sistemas de Manutencao COM Maquinas de Reserva E Numero Variavel de Servidores (Problem of Determining the Optimal Policy for Maintenance Systems with Reserve Machines and a Variable Number of Servers).
N84-34310/2 01-*501,676* PC **A04**/MF **A01**

Objetivos, Atividades E Necessidades DOS Laboratorios de Simulacao Digital, de Simulacao Fisica de Sistemas de Controle de Atitude E de Orbita E de Controle Termico Do Departamento de Mecanica Espacial E Controle (Objectives: Activities and Needs of the Digital Simulation Laboratory, Attitude and Orbit Control Systems, and the Thermal Control Laboratory of the Space Mechanics and Control Department).
N84-34311/0 01-*502,775* PC **A05**/MF **A01**

Problema de Determinacao de Politica Otima Para Sistemas de Manutencao COM Maquinas de Reserva E Numero Variavel de Servidores (Problem of Determining the Optimum Policy for Maintaining Systems with Spare Machines and a Number of Variable Servers).
N84-34312/8 01-*501,677* PC **A02**/MF **A01**

Politica Otima Para Um Sistema de Manutencao COM Controle Sobre a Distribuicao Do Tempo de Reparo (Optimum Policy for a System of Maintenance with Control by a Repair Time Distribution).
N84-34313/6 01-*501,678* PC **A02**/MF **A01**

Sistemas de Planejamento Hierarquico Aplicado a Producao: Um Estudo (Hierarchical Planning Systems Applied to Production: A Study).
N84-34314/4 01-*500,257* PC **A04**/MF **A01**

Catalogo das Publicacoes Periodicas Existentes No Inpe - Vol. Vii (Catalog of Existing Published Periodicals of INPE, Volume 7).
N84-34320/1 01-*500,273* PC **A07**/MF **A01**

Polyphase Tectonics of the Oceanus Procellarum Area on the Moon.
N84-34364/9 01-*500,139* PC **A02**/MF **A01**

Terra Scarps Indicating Youngest Terra Faults on the Moon.
N84-34365/6 01-*500,140* PC **A02**/MF **A01**

Activities of the Technical Physics Service of the Dutch Central Organization for Scientific Research, past and Present.
N84-34393/8 01-*501,981* PC **A05**/MF **A01**

Nachrichten fuer Luftfahrer, Teil 2. Verzeichnis der Nach Absatz 18 der Pruefordnung fuer Luftfahrtgeraet (Luftgerpo) Anerkannten Herstellerbetriebe von Luftfahrtgeraet (Notice for Airmen, Part 2. Index of Approved Manufacturing Operations for Aeronautical Appliances According to Paragraph 18 of Test Procedures for Aeronautical Appliances).
N84-34394/6 02-*502,788* PC **A02**/MF **A01**

Nachrichten fuer Luftfahrer, Teil 2. Verzeichnis der Nach 33 Absatz der Pruefordnung fuer Luftfahrtgeraet Anerkannten Luftfahrttechnischen Betriebe und der Selbstaendigen Pruefer von Luftfahrtgeraet (Notice for Airmen, Part 2. Index of Approved Aeronautical Engineering Operations and of Independent Inspectors According to Paragraph 33 of Test Procedures for Aeronautical Appliances).
N84-34395/3 02-*502,789* PC **A03**/MF **A01**

Flight Test Techniques.
N84-34396/1 02-*502,801* PC **A16**/MF **A01**

New Method of Evaluating the Side Wall Interference Effect on Airfoil Angle of Attack by Suction from the Side Walls.
N84-34432/4 02-*502,782* PC **A03**/MF **A01**

O Programa Nacional de Plataformas de Coleta de Dados: Informacoes Tecnicas Aos Usuarios (A National Program for Data Collection Platforms: Information Techniques for Users).
N84-34456/3 02-*503,825* PC **A03**/MF **A01**

Stochastic Control of Pitch Motion of Satellites Using Stabilizing Flaps.
N84-34458/9 02-*505,237* PC **A03**/MF **A01**

Fault-Tolerant Multiprocessing Unit for on-Board Satellite Supervision and Control.
N84-34500/8 02-*505,244* PC **A02**/MF **A01**

Exploratory Testing of the Mbb 10 N Bipropellant Engine. Volume 1: Characterization Tests.
N84-34505/7 02-*505,230* PC **A05**/MF **A01**

Silicon Carbide Material Sintered Bodies Manufacturing.
N84-34574/3 02-*504,049* PC **A02**/MF **A01**

Untersuchung von Reaktionen des Methylen-Radiakals MIT Hilfe Eines Fir-Lmr-Spektrometers (Investigation of Reactions of the Methylene Radical by Means of a Far Infrared-Laser Magnetic Resonance (Fir-Lmr) Spectrometer).
N84-34588/3 02-*503,593* PC **A04**/MF **A01**

Directional Solidification of Al2-Cu-Al and Al3-Ni-Al Eutectics During Texus Rocket Flight.
N84-34602/2 02-*504,078* PC **A04**/MF **A01**

Application of Quantitative Microscopy to Ceramics.
N84-34616/8 02-*504,034* PC **A03**/MF **A01**

Effects of Impurities and Additives on the Growth of Polycrystalline TNT.
N84-34629/5 02-*504,840* PC **A02**/MF **A01**

Heat Transfer Characteristics of Regenerator Matrix (Case of Packed Wire Gauzes).
N84-34693/1 02-*505,227* PC **A03**/MF **A01**

Contribution to the Performance of Microjets.
N84-34694/9 02-*505,231* PC **A06**/MF **A01**

Magnetic Record Support.
N84-34709/5 02-*504,516* PC **A02**/MF **A01**

Electronic 4-Wheel Drive Control Device.
N84-34764/0 02-*504,381* PC **A02**/MF **A01**

Extracts from Symposium: Countersurveillance 1983.
N84-34779/8 02-*504,575* PC **A09**/MF **A01**

Vertical Mode Decomposition and Model Resolution.
N84-34805/1 02-*502,930* PC **A03**/MF **A01**

Large Scale Tropical Heat Sources and Global Atmospheric Energy Propagation Associated with Droughts in Northeast Brazil.
N84-34806/9 02-*502,931* PC **A02**/MF **A01**

Meteorological Satellite Center Technical Note No. 9, 1984.
N84-34816/8 02-*502,933* PC **A05**/MF **A01**

Transient Convection over the Amazon/Bolivia Region and the Dynamics of Drought over Northeast Brazil.
N84-34823/4 02-*502,934* PC **A02**/MF **A01**

Synoptic Study of the Influence of Extra-Tropical Latitude Systems on the Climatic Variability in Northeast Brazil.
N84-34824/2 02-*502,935* PC **A02**/MF **A01**

Study of the Influence of Extra-Tropical Latitude Systems on the Climatic Variability in Northeast Brazil.
N84-34825/9 02-*502,936* PC **A03**/MF **A01**

Are Droughts Predictable.
N84-34826/7 02-*502,937* PC **A02**/MF **A01**

Contouring Program for Generation of Sea Surface Temperature Maps.
N84-34906/7 02-*503,740* PC **A03**/MF **A01**

Parameter Identification and State Estimation for Distributed Parameter Systems.
N84-35004/0 02-*504,129* PC **A02**/MF **A01**

Few Necessary Considerations for the Use of the Finite Element Methods by Non-Specialists.
N84-35005/7 02-*504,130* PC **A03**/MF **A01**

Representation of the Fokker-Plank Collision Term for Coulomb Interaction as Series of Legendre Polynomials.
N84-35006/5 02-*505,050* PC **A03**/MF **A01**

Note on the Eigenvalues of a Layered System.
N84-35007/3 02-*503,741* PC **A02**/MF **A01**

Multi-Length Arithmetic Implementation and Uses.
N84-35008/1 02-*504,131* PC **A02**/MF **A01**

Sixe-Programme Zur Loesung von Nichtlinearen Systemen von Elliptischen Differentialgleichungen (The Sixe Program for the Solution of Nonlinear Systems of Elliptic Differential Equations).
N84-35033/9 02-*504,132* PC **A15**/MF **A01**

Large Diameter Optical Slip-Rings.
N84-35095/8 02-*504,573* PC **A02**/MF **A01**

Nonlinear Effects in Electron Cyclotron Resonance Heating of Plasmas.
N84-35103/0 02-*505,051* PC **A02**/MF **A01**

Railgun Plasma Armature Characterisation Experiments.
N84-35104/8 02-*504,487* PC **A03**/MF **A01**

Plasma Heating, Confinement and Stabilization Experiments in Axisymmetric Mirror-Cusp Device.
N84-35105/5 02-*505,052* PC **A02**/MF **A01**

Impurity Cluster States in Disordered 2-Dimensional Systems: A Self-Consistent Hartree-Fock-Roothaan Model.
N84-35115/4 02-*505,114* PC **A02**/MF **A01**

Numerical Simulations of Collisions in Self-Gravitating Systems.
N84-35237/6 02-*502,889* PC **A03**/MF **A01**

22 Ghz Continuum and Spectral Index Maps of the Galactic Center Region.
N84-35239/2 02-*502,870* PC **A02**/MF **A01**

Long Time Behaviour of the Interplanetary Magnetic Field-Sectorial Structure.
N84-35245/9 02-*502,875* PC **A02**/MF **A01**

Meteor Showers Effects in the Low Terrestrial Ionosphere Detected at VLF Ionosonde and Long Distance Propagation Paths.
N84-35246/7 02-*502,903* PC **A02**/MF **A01**

Planetary Tectonics.
N84-35247/5 02-*502,876* PC **A02**/MF **A01**

Meteorite Bombardment and Dating of Planetary Surfaces.
N84-35260/8 02-*502,877* PC **A06**/MF **A01**

Nonlinear Temporal Modulation of Pulsar Radioemission.
N84-35282/2 02-*502,883* PC **A02**/MF **A01**

Wind Tunnel Tests on a Tube-Launched Missile Configuration with a Deflectable Nose Control and a Novel Wrap-around Fin Stabiliser.
N85-10003/0 03-*505,272* PC **A03**/MF **A01**

Experimental Study of the Transonic Equivalence Rule with Lift, Part 2.
N85-10004/8 03-*505,273* PC **A03**/MF **A03**

Three Degree of Freedom Steady State Point Performance Program: Updated Version 1.
N85-10005/5 03-*505,295* PC **A15**/MF **A01**

Implementation of the Supersonic Triplet Singularity into the USTORE Computer Code.
N85-10006/3 03-*505,274* PC **A03**/MF **A01**

Vortex Bursting.
N85-10008/9 03-*505,276* PC **A04**/MF **A01**

Integral Equation of Lifting Surfaces in Laplace Domain and Analytic Continuation of Its Pressure Kernel.
N85-10009/7 03-*505,277* PC **A03**/MF **A01**

Study of Aerodynamic Characteristics of Wing-Body Combinations. Part 2: Low-Wing Airplane.
N85-10010/5 03-*505,278* PC **A02**/MF **A01**

Optimum Design of Nonplanar Wings: Minimum Induced Drag for a Given Lift and Wing Root Bending Moment.
N85-10011/3 03-*505,279* PC **A02**/MF **A01**

Numerical Analysis of the 3-Dimensional Inviscid Hypersonic Flow around Capsule-Type Bodies by the Alternate Directional Implicit Method.
N85-10012/1 03-*505,280* PC **A03**/MF **A01**

Some Considerations on Aeroelastic Instabilities Caused by Coupling Between Propeller-Type Rotor and Its Supporting Structure.
N85-10013/9 03-*505,281* PC **A02**/MF **A01**

Characteristics of Controlled-Oscillating Annular Cascade Test Facility with Freon Gas.
N85-10014/7 03-*505,282* PC **A02**/MF **A01**

Space Research in Japan. National Report.
N85-10082/4 03-*505,375* PC **A05**/MF **A01**

Development of the Engineering Test Satellite-3 (ETS-3) Ion Engine System.
N85-10101/2 03-*507,785* PC **A17**/MF **A01**

Design Sensitivity Analysis of an Antisymmetric Angle-Ply Laminate.
N85-10128/5 03-*506,405* PC **A03**/MF **A01**

Sintered Silicon Nitride Workpiece.
N85-10129/3 03-*506,378* PC **A02**/MF **A01**

Silicon Nitride Sintered Body.
N85-10131/9 03-*506,380* PC **A02**/MF **A01**

Silicon Nitride Powder.
N85-10132/7 03-*506,381* PC **A02**/MF **A01**

Theory of Elastic Modulus of Fabric Composites and Its Examination by Experiments.
N85-10133/5 03-*506,406* PC **A02**/MF **A01**

Evaluation of the Electrodialysis Reversal Process (EDR) for the Desalination of Brackish Water from the Omaruru delta (Swa/Namibia).
N85-10141/8 03-*505,811* PC **A02**/MF **A01**

Operating Experiences of Reverse Osmosis Plants Treating Rand Water Board (RWB) Water: Pitfalls and Problems.
N85-10142/6 03-*505,812* PC **A03**/MF **A01**

Further Developments of a Nongradient Theory of Premixed Turbulent Flames.
N85-10143/4 03-*507,781* PC **A02**/MF **A01**

Compressibility and Fugacity of Gaseous Hydrogen.
N85-10154/1 03-*505,887* PC **A03**/MF **A01**

Powder Containing 2H-Type Silicon Carbide Produced by Reacting Silicon Dioxide and Carbon Powder in Nitrogen Atmosphere in the Presence of Aluminum.
N85-10167/3 03-*506,382* PC **A02**/MF **A01**

Oxidation Behaviour of a 20 Percent Cr/25 Percent Ni/NB Stabilized Stainless Steel in Carbon Dioxide at High Temperatures and Its Improvement by Cerium and Yttrium.
N85-10182/2 .03-*506,441* PC **A03**/MF **A01**

User Experience of Existing Corrosion Monitoring Techniques and the Development of Thin Layer Activation (TLA) for Corrosion Monitoring.
N85-10183/0 03-*506,442* PC **A02**/MF **A01**

Processing Ceramics.
N85-10188/9 03-*506,384* PC **A02**/MF **A01**

Fabrication and Characterization of SI3N4 Ceramics Without Additives by High Pressure Hot Pressing.
N85-10189/7 03-*506,385* PC **A02**/MF **A01**

Sealing Ceramic Material in Low Melting Point Glass.
N85-10190/5 03-*506,386* PC **A02**/MF **A01**

Modelling the Demand for Construction.
N85-10218/4 03-*505,480* PC **A02**/MF **A01**

Automation of Coastal Engineering Modelling Facilities.
N85-10219/2 03-*506,580* PC **A11**/MF **A01**

Silicon Carbide Ceramic Production.
N85-10220/0 03-*506,659* PC **A02**/MF **A01**

Injection Molding of Silicon Carbide Capable of Being Sintered Without Pressure.
N85-10221/8 03-*506,748* PC **A02**/MF **A01**

Force Standard Machines of the National Institutes for Metrology, Vol. 2.
N85-10224/2 03-*506,804* PC **A09**/MF **A01**

Wave Multiple Scattering by a Finite Number of Unclosed Circular Cylinders.
N85-10232/5 03-*507,772* PC **A03**/MF **A01**

Resoconto Del Simposio Su Processi di Codifica Fonetica E Decodifica Della Voce Tenutosi a Tolosa Il 15-16 Luglio 1983 (Voice Phonetic Coding and Decoding Processes).
N85-10259/8 03-*506,882* PC **A02**/MF **A01**

Voice Communication Handling in X 25 Packet Switching Networks.
N85-10260/6 03-*506,883* PC **A02**/MF **A01**

Disponibilita Dei Sistemi di Trasmissione Nelle Connessioni Continentali Ed Intercontinentali (Availability of Transmission Systems in Continental and Intercontinental Connections).
N85-10261/4 03-*506,884* PC **A02**/MF **A01**

Riservatezza E Autenticazione Nella Rete Isdn (Reserve and Authentication in Integrated Services Distributed Networks (Isdn) Networks).
N85-10262/2 03-*506,118* PC **A03**/MF **A01**

Alcuni Metodi Per Il Progetto di Quantizzatori Per Segnali d'Immagine (Methods for the Design of Quantizers for Image Signals).
N85-10263/0 03-*506,206* PC **A03**/MF **A01**

Studio Comparativo Mediante Analisi Degli Aggruppamenti Dei Coefficienti di Rappresentazione Lpc Per Il Riconoscimento Dei Fonemi (Comparative Analysis of the Clustering of the Lpc Coefficients in Phoneme Recognition).
N85-10264/8 03-*506,885* PC **A03**/MF **A01**

Programma di Simulazione di UN Canale Gwssus Utilizzabile Nei Sistemi Radiomobile (Gaussian Wide Sense Stationary Uncorrelated Scattering (Gwssus) Channel Simulation Program to Be Used for Mobile Radio Systems).
N85-10265/5 03-*506,886* PC **A06**/MF **A01**

Metodi Autoregressivi Non Stazionari Per l'Analisi E la Sintesa Della Voce (Autoregressive Nonsteady Methods for the Analysis and Synthesis of the Human Voice).
N85-10266/3 03-*506,887* PC **A02**/MF **A01**

Misure di Distanza Tra Segnali Vocali Nel Domino Della Frequenza (Measures of Distance Between Speech Signals in the Frequency Domain).
N85-10267/1 03-*506,888* PC **A03**/MF **A01**

Scattering Theory by Enss' Method for Operator Valued Matrices: Dirac Operator in an Electric Field.
N85-10290/3 03-*507,729* PC **A03**/MF **A01**

Measurement of the Development of the Boundary Layer in the Annulus Walls of a Fourstage Compressor.
N85-10299/4 03-*507,305* PC **A02**/MF **A01**

Properties of Plane Turbulent Buoyant Jet.
N85-10304/2 03-*507,309* PC **A02**/MF **A01**

Second All-Union Seminar on Hydromechanics and Heat and Mass Exchange in Weightlessness, Summaries of Reports.
N85-10305/9 03-*507,274* PC **A09**/MF **A01**

Oil Flow Patterns of Separated Flow on a Hemispherical Cylinder at Incidence.
N85-10313/3 03-*507,311* PC **A04**/MF **A01**

Thermal Fluid-Structure Interaction: A Few Scaling Considerations.
N85-10314/1 03-*507,168* PC **A03**/MF **A01**

Void Fraction Measurements Performed in a Vertical Large Diameter Tube Compared to Different Predicting Correlations.
N85-10315/8 03-*507,312* PC **A02**/MF **A01**

Visualization of the Diverging Two-Phase Flow Pattern in a Horizontal T-Junction with Vertical Branch.
N85-10316/6 03-*507,313* PC **A02**/MF **A01**

Planar Jets Impinging on Various Obstacles and Some Modes of Flow Oscillation.
N85-10317/4 03-*507,314* PC **A16**/MF **A01**

Optically Isolated Amplifier.
N85-10321/6 03-*505,739* PC **A02**/MF **A01**

Platinum Thin Film Resistors as Accurate and Stable Temperature Sensors.
N85-10322/4 03-*506,805* PC **A02**/MF **A01**

Improvements in Photodiode Readout for Small CSI (T1) Crystals.
N85-10333/1 03-*506,967* PC **A02**/MF **A01**

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N85-11543/4 04-*508,396* PC **A02**/MF **A01**

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N85-11550/9 04-*508,612* PC **A03**/MF **A01**

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N85-11551/7 04-*508,613* PC **A03**/MF **A01**

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N85-11552/5 04-*508,614* PC **A04**/MF **A01**

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N85-11553/3 04-*510,555* PC **A02**/MF **A01**

DISCUS Multiprocessor Enhancements.
N85-11554/1 04-*509,117* PC **A05**/MF **A01**

Criterios Para Otimizacao Do Fluxo de Processamento Em Um Modelo de Computador Incremental COM Recursos de Multiprocessamento (Criteria for the Optimization of Processing Flow in a Model of an Incremental Computer with Multiprocessing Resources).
N85-11560/8 04-*509,118* PC **A08**/MF **A01**

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N85-11561/6 04-*509,119* PC **A06**/MF **A01**

PASCAL-Mp Manipulador Algebrico E Numerico de Polinomios (PASCAL-Mp Algebraic and Numerical Manipulator for Polynomials).
N85-11562/4 04-*509,120* PC **A06**/MF **A01**

Descricao Do Suporte Logico de Um Sistema de Processamento de Imagens (Description of the Logical Support for an Image Processing System).
N85-11563/2 04-*509,121* PC **A02**/MF **A01**

Sistema Sitim - Modulo Gerenciador (SITIM System: Object Manager Module).
N85-11564/0 04-*509,122* PC **A03**/MF **A01**

Sistema Sitim - Utilizacao Do Supervisorio (SITIM System: Supervisor Utilization).
N85-11565/7 04-*509,123* PC **A02**/MF **A01**

Utilizacao de Interpolacao E Transformacao Para Compressao de Imagens Digitais (Utilization of Interpolation and Transformation for the Compression of Digital Image Data).
N85-11566/5 04-*509,124* PC **A03**/MF **A01**

PROGEN: An Incremental Programming Environment.
N85-11568/1 04-*509,125* PC **A03**/MF **A01**

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N85-11585/5 04-*509,126* PC **A03**/MF **A01**

Class of Suboptimal Controls for Infinite-Dimensional Bilinear Systems.
N85-11630/9 04-*509,514* PC **A02**/MF **A01**

Approximation of Discontinuous Solutions of Hyperbolic Partial Differential Equations.
N85-11631/7 04-*509,515* PC **A07**/MF **A01**

Fast, Compact Assignment Algorithm.
N85-11632/5 04-*509,516* PC **A02**/MF **A01**

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N85-11633/3 04-*509,517* PC **A03**/MF **A01**

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N85-11658/0 04-*510,353* PC **A02**/MF **A01**

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N85-11659/8 04-*509,519* PC **A02**/MF **A01**

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N85-11660/6 04-*509,520* PC **A02**/MF **A01**

Linear and Bilinear Infinite-Dimensional Representations of Finite-Dimensional Nonlinear Systems.
N85-11661/4 04-*509,521* PC **A02**/MF **A01**

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N85-11670/5 04-*510,410* PC **A03**/MF **A01**

Controle Otimo Do Tempo de Espera Numa Fila M/G/1 (Optimal Control of Waiting Time in a M/G/1 Queue).
N85-11671/3 04-*509,539* PC **A02**/MF **A01**

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N85-11673/9 04-*509,791* PC **A04**/MF **A01**

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N85-11674/7 04-*509,522* PC **A03**/MF **A01**

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N85-11799/2 04-*509,759* PC **A05**/MF **A01**

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N85-11817/2 04-*510,314* PC **A02**/MF **A01**

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N85-11818/0 04-*510,397* PC **A02**/MF **A01**

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N85-11880/2 04-*510,345* PC **A02**/MF **A01**

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N85-11887/5 04-*510,400* PC **A03**/MF **A01**

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N85-11888/3 04-*510,401* PC **A03**/MF **A01**

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N85-11890/9 04-*510,403* PC **A02**/MF **A01**

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N85-11918/8 04-*509,523* PC **A03**/MF **A01**

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N85-11926/1 04-*508,036* PC **A03**/MF **A01**

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N85-11977/4 06-*514,299* PC **A03**/MF **A01**

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N85-12043/4 06-*512,667* PC **A03**/MF **A01**

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N85-12070/7 06-*513,916* PC **A04**/MF **A01**

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Physical Interpretation of the Structure and Electron-Optical Data for Spinel (MgAl2O4).
N85-12767/8 06-*514,065* PC **A03/MF A01**

Cartilla Para El Registro de la Informacion Tecnica en la Industria (Primer on the Registration of Technical Information in Industry).
N85-12786/8 06-*512,809* PC **A07/MF A01**

Um Modelo Estcastico Para Otimizacao Do Consumo E Exploracao de Um Recurso Natural Nao-Renovavel (A Stochastic Model for Optimizing the Consumption and Exploration of Nonrenewable Natural Resources).
N85-12804/9 06-*512,823* PC **A02/MF A01**

Structures and the Role of an International Agency for the Control of Satellites.
N85-12806/4 06-*512,846* PC **A02/MF A01**

Space Research and the New Approach to the Mechanics of Fluid Media in Cosmos.
N85-12844/5 06-*512,741* PC **A04/MF A01**

Etude Par Anemometrie Laser d'Ecoulements Decolles sur des Profils d'Aile (Laser Anemometer Study of Separated Flow on Wing Profiles).
N85-12872/6 07-*514,324* PC **A05/MF A01**

Adaptation de Parois a Mach 1.2 (Wall Adaptation at Mach 1.2).
N85-12873/4 07-*515,213* PC **A03/MF A01**

Singularitaeten-Modell Zur Analyse der Wandinterferenz in Geschlossenen Windkanalen Nach der Wanddricksignatur-Methode (Blockierung und Auftrieb) (Singularity Model for the Analysis of Wall Interference in Closed Wind Tunnels According to the Wall Pressure Signature Method (Blockage and Lift)).
N85-12874/2 07-*515,214* PC **A05/MF A01**

Wandeinfluss-Korrekturen in Windkanaelen: Blockierungskorrektur Nach der Wandrucksignatur-Methode (Wall Influence Corrections in Wind Tunnels: Blockage Correction According to the Wall Pressure Signature Method).
N85-12875/9 07-*515,215* PC **A04/MF A01**

Parametrische Bestimmung der Blockierungsinterferenzen fuer Drei-Dimensionale Modelle im Transonic-Kanal des Eidgenoessisches Flugzwerk, Emmen (Parametric Determination of Blockage Interference of 3-Dimensional Models in the Emmen Federal Aircraft Works Transonic Tunnel (Switzerland)).
N85-12876/7 07-*515,216* PC **A03/MF A01**

Grenzschichtuntersuchungen im Transonic-Kanal des Eidgenoessisches Flugzwerke, Emmen (Investigations of Boundary Layers in the Emmen Federal Aircraft Works Transonic Tunnel, Switzerland).
N85-12877/5 07-*515,217* PC **A07/MF A01**

Vergleichende Stroemungsrechnung an Transsonischen Kegel/Zylinder-Eichmodellen im Zusammenhang MIT Dem Wandinterferenzproblem (Comparative Flow Calculation on Transonic Cone/Cylinder Standard Models in Connection with the Wall Interference Problem).
N85-12878/3 07-*515,218* PC **A07/MF A01**

Local Slot Boundary Condition for Transonic Flow Calculations in Slotted-Wall Test Sections of Wind Tunnels.
N85-12879/1 07-*515,219* PC **A03/MF A01**

Analise E Simulacao de Um Sistema Inercial (Strapdown) de Determinacao de Atitude Auxiliado Por Estimacao Adaptativa DA Deriva (Analysis and Simulation of an Intertial System (Strapdown) for Auxiliary Attitude Determination by Adaptive Drift Estimation).
N85-12882/5 07-*515,303* PC **A07/MF A01**

Les Materiaux Structuraux Modernes Situation Actuelles et Perspectives d'Evolution (Modern Structural Materials. Present Situation and Evolution Prospects).
N85-12886/6 07-*514,335* PC **A04/MF A01**

Graphische Software Zur Darstellung der Deformationsbewegung Eines Koerpers (Graphics Software for the Display of Body Deformation Motion).
N85-12888/2 07-*514,336* PC **A05/MF A01**

Development and Fabrication of Refractory Bodies for Gas Turbine Engines.
N85-12899/9 07-*515,686* PC **A04/MF A01**

Untersuchung Zur Verbesserung der Transonic-Kanal-Messstrecke des Eidgenoessisches Flugzwerke, Emmen (Investigation for the Improvement of the Transonic Tunnel Working Section of the Emmen Federal Aircraft Works (Switzerland)).
N85-12904/7 07-*515,221* PC **A04/MF A01**

Colloquium About Joint Projects within DFVLR/ISRO(Deutsche Forschungs- und Versuchsanstalt fuer Luft- und Raumfahrt/Indian Space Research Organization, Bangalore, Satellite Centre) Cooperation.
N85-12907/0 07-*515,703* PC **A06/MF A01**

Mars Dust Sample Return Mission.
N85-12915/3 07-*515,704* PC **A03/MF A01**

Mission Interstellaire (Interstellar Mission).
N85-12916/1 07-*515,705* PC **A06/MF A01**

Les Systemes de Lancements (Launching Systems).
N85-12917/9 07-*515,721* PC **A04/MF A01**

Technologies des Missiles Tactiques: Recherches et Perspectives d'Avenir (Tactical Missiles Technologies. Research and Prospectives).
N85-12925/2 07-*515,276* PC **A03/MF A01**

Space Know-How, Twenty Years' Space Experience.
N85-12926/0 07-*515,715* PC **A02/MF A01**

Essai 17.206: Statistique sur les Caracteristics de Base des Composites Carbone-Epoxy (Traction) (Test Report No. 17.206: Statistics of the Basic Characteristics of Carbo
Epoxy Composites).
N85-12979/9 07-*514,975* PC **A04/MF A0**

Influence de la Relaxation sur les Caracteristiques Mecani-
ques d'UN Composite Carbone Epoxy, Proces-Verbal No.
45.427/1 (Influence of Relaxation on the Mechanical
Characteristics of a Carbon-Epoxy Composite. Report
No. 45.427/1).
N85-12980/7 07-*514,976* PC **A02/MF A0**

Assurance Qualite des Materiaux Composites, Proces-
Verbal No. 45-649/F (Quality Assurance of Composite
Materials, Test Report No. 45-649/F).
N85-12961/5 07-*514,977* PC **A04/MF A0**

Preparation of Sinter-Active Silicon Carbide Powders.
N85-12982/3 07-*514,978* PC **A05/MF A0**

Mathematical Models for the Boiling Diagram of the Ideal
Two-Component Mixture.
N85-13000/3 07-*514,701* PC **A03/MF A0**

Development and Testing of Thin Film Cells for High Tem-
perature Water Vapor Electrolysis.
N85-13001/1 07-*514,702* PC **A05/MF A0**

PRIAMUS: Ein Rechenprogramm zur Bestimmung Thermo
physikalischer Stoffwerte von Gasmischungen Aus O2
N2, CO, CO7, He, H2O, H2 und CH4 (PRIAMUS, a Com
puter Program for the Calculation of Thermophysica
Properties of Gas Mixtures Containing O2, N2, CO, CO2
He, H2O, H2, CH4).
N85-13002/9 07-*514,703* PC **A04/MF A0**

Combustion Waves in Dispersed-2-Phase Mixtures.
N85-13003/7 07-*514,704* PC **A02/MF A0**

Structural Changes During Milling of Aluminum Oxide Pow
ders.
N85-13008/6 07-*514,959* PC **A02/MF A0**

Reactive Sintering of SiC.
N85-13010/2 07-*514,960* PC **A02/MF A0**

Ion Contrasting Chamber for Discrimination of Grains an
Textures.
N85-13036/7 07-*514,993* PC **A03/MF A0**

Corrosions des Laitons de Robinetterie (Corrosion of Bras
in Potable Water Service).
N85-13037/5 07-*514,994* PC **A02/MF A0**

Interactions Between Corrosion and Creep of Uncoate
and Coated Superalloys in Sulfate Melts.
N85-13038/3 07-*514,995* PC **A03/MF A0**

Development of Rapidly Quenched Alloys with Speci
Physical Properties and of Processes for Their Contin
ous Production.
N85-13039/1 07-*514,996* PC **A09/MF A0**

Study of the Pore Structure of Ceramics Prepared by t
Slip Casting Method.
N85-13048/2 07-*514,962* PC **A02/MF A0**

Essai 17.202: Caracterisation de Resine Polyimide (Po
mide Resin Characteristics, Test).
N85-13049/0 07-*514,979* PC **A03/MF A**

Fluorescent Dyes for Luminescent Solar Concentrators.
N85-13061/5 07-*514,919* PC **A06/MF A**

Optimisation de l'Injection des Thermoplastiques Thermo
tables Peek Renforces de Fibres Courtes de Carbo
(Optimization of the Injection Process for Thermosta
Polyether-Ether-Ketone (Peek) Thermoplastics Re
forced with Short Carbon Fibers).
N85-13062/3 07-*515,013* PC **A02/MF A**

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the Compatibility of Explosives; Mound Laboratory; Na
Surface Weapons Center.
N85-13072/2 07-*515,500* PC **A03/MF A**

Method for Evaluating Petrol Products Corrosivity Using
ezoelectric Crystals. Part 2: Instruction Manual.
N85-13073/0 07-*515,669* PC **A02/MF A**

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N85-13075/5 07-*514,446* PC **A05/MF A**

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N85-13085/4 07-*515,148* PC **A03/MF A**

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(Equivocation Limits in Gaussian Additive Channels).
N85-13137/3 07-*514,858* PC **A02/MF A**

Transmission de la Television en Modulation de Frequen
(Television Transmission in Frequency Modulation).
N85-13146/4 07-*515,285* PC **A02/MF A**

Systeme de Telecommunications Par Satellite Telecom
(The Telecom 1 Satellite Telecommunication System).
N85-13147/2 07-*515,286* PC **A02/MF A**

Methodology for the Implementation of a Domestic Sate
Communications Network.
N85-13148/0 07-*515,287* PC **A03/MF A**

Carrier Acquisition and Tracking by a COSTAS Loop
Automatic Frequency Control.
N85-13149/8 07-*515,288* PC **A04/MF A**

Apollo System Requirements Specification.
N85-13150/6 07-*515,289* PC **A03/MF A**

Transmission Analysis for the Use of 2-4 PSK (Phase S
Keying) Modulation in Satellite Broadcasting.
N85-13151/4 07-*515,290* PC **A07/MF A**

Digital Radio Link: Wave Propagation Measurements Using Narrow Band Technique.
N85-13152/2 07-*515,291* PC **A03**/MF **A01**

Digital Image Processing: Report from a Conference and Study Trip to the USA and Canada, Summer 1984.
N85-13153/0 07-*514,821* PC **A03**/MF **A01**

Essais de Susceptibilite a Une Agression Electromagnetique (Tests for Susceptibility to Electromagnetic Attack).
N85-13154/8 07-*515,345* PC **A02**/MF **A01**

Implementing Waveguide Bandwidth Six-Port Reflectometer Circuits at Millimetric Wavelengths.
N85-13155/5 07-*515,222* PC **A02**/MF **A01**

Les Transistors MOS de Puissance (Metal Oxide Semiconductors Power Transistors).
N85-13166/2 07-*514,792* PC **A02**/MF **A01**

Simulation d'Une Chaine de Transmission a Elements Faiblement Non Lineaires. Calculs des Produits d'Intermodulation sur UN Signal Compose de N Porteuses (Simulation of a Transmission Circuit Composed of Slightly Nonlinear Elements. Computation of the Intermodulation on Signals Composed of N Carriers).
N85-13167/0 07-*514,859* PC **A04**/MF **A01**

Conception de Circuits Assistee Par Ordinateur: Realisation de Masques pour l'Elaboration de Circuits Microondes (Computerized Circuit Designs: Realization of Masks to Manufacture Microwave Circuits).
N85-13168/8 07-*515,150* PC **A05**/MF **A01**

Les Composants Electronics pour Applications Spatiales (Electronic Components for Space Applications).
N85-13169/6 07-*514,849* PC **A05**/MF **A01**

Qualification of a Thick Film Hybrid.
N85-13170/4 07-*514,864* PC **A03**/MF **A01**

Pulse Injection on a Power Cable Penetrating a Shielding Wall by Feed-Through Capacitors.
N85-13171/2 07-*514,793* PC **A03**/MF **A01**

Improvement of Lightning Arresters Energy Capability.
N85-13172/0 07-*514,794* PC **A02**/MF **A01**

Partikelmitfuehrung in Einem Kompressiblen Wirbel (Particle Entrainment in a Compressible Vortex).
N85-13192/8 07-*515,532* PC **A02**/MF **A01**

Etudes des Correlations Vitesse-Pression Acoustique Conditionnees sur le Signe et l'Amplitude de la Fluctuation de Vitesse dans UN Jet Froid (Study of the Velocity-Acoustic Pressure Correlation in a Cold Jet, Centered on the Sign and the Amplitude of the Velocity Fluctuations).
N85-13193/6 07-*515,516* PC **A03**/MF **A01**

Model Equations Describing Unsteady Fluid Motion.
N85-13194/4 07-*515,533* PC **A03**/MF **A01**

Numerical Calculation of Steady Turbulent Flows in Adverse Pressure Gradients.
N85-13195/1 07-*515,534* PC **A03**/MF **A01**

Progress in the Development of a Two-Fluid Model of Turbulence for Near-Wall Flows, Part 1.
N85-13196/9 07-*515,535* PC **A03**/MF **A01**

Progress in the Development of a Two-Fluid Model of Turbulence for Near-Wall Flows. Part 3: Preliminary Investigation of a Stably-Stratified Boundary Layer.
N85-13197/7 07-*515,536* PC **A02**/MF **A01**

Proposal for Wall Function for Friction and Heat Transfer in the Presence of Roughness and Mass Transfer.
N85-13198/5 07-*515,537* PC **A02**/MF **A01**

Organ-Pipe Oscillation.
N85-13199/3 07-*515,178* PC **A03**/MF **A01**

Laminar Jet Issuing into Stagnant Surroundings.
N85-13200/9 07-*515,538* PC **A03**/MF **A01**

Bruit Robinet/Fluctuations de Pression. Etude du Comportement Acoustique des Equipments Hydrauliques du Batiment en Fonction de la Temperature (Tap Noise-Pressure Fluctuations. Study of the Acoustic Behavior of Hydraulic Equipment in Buildings as a Function of the Temperature).
N85-13201/7 07-*515,179* PC **A08**/MF **A01**

Development of Components for Micro-C Oriented Sensor Systems.
N85-13215/7 07-*515,224* PC **A09**/MF **A01**

Magnetic Inductive Flowmeter for Low Conducting Liquids.
N85-13216/5 07-*515,225* PC **A04**/MF **A01**

Development of a Feasibility Model for a Thin-Film Precision Power Meter.
N85-13217/3 07-*515,226* PC **A03**/MF **A01**

Instrumented Impact Testing Machine with Reduced Specimen Oscillation Effects.
N85-13218/1 07-*515,227* PC **A03**/MF **A01**

Ion Beam Lithography.
N85-13219/9 07-*515,151* PC **A05**/MF **A01**

Laser for Determining the Ignition Conditions of a Pyrotechnic Mixture.
N85-13230/6 07-*515,598* PC **A03**/MF **A01**

Focusing Effects of a Laser Beam in the Nonresonant Multiphoton Ionization MPI(Multiphoton Ionization) of Gases.
N85-13231/4 07-*515,573* PC **A03**/MF **A01**

Improved Sensitivities in Laser Interferometers for the Detection of Gravitational Waves.
N85-13232/2 07-*515,574* PC **A02**/MF **A01**

Conduite d'Une Cellule Flexible d'Usinage (Design of a Flexible Machining System).
N85-13252/0 07-*515,152* PC **A07**/MF **A01**

Surveillance des Machines (The Monitoring of Machines).
N85-13253/8 07-*515,167* PC **A03**/MF **A01**

L'Organisation de la Qualite (Quality Organization).
N85-13257/9 07-*515,255* PC **A07**/MF **A01**

Fiabilite Composants et Technologies d'Assemblage (Component Reliability and Assembling Technologies).
N85-13258/7 07-*515,153* PC **A04**/MF **A01**

ESA(European Space Agency) Product Assurance Specification System: Explanatory Note.
N85-13259/5 07-*515,720* PC **A02**/MF **A01**

Seuil de Detectabilite des Defauts dans les Assemblages Rives, Proces-Verbal No.44-833/F (Defect Detection Threshold in Riveted Joints, Test Report No.44-833/F).
N85-13260/3 07-*515,256* PC **A09**/MF **A01**

Stress Intensity Factors for Corner Cracks at Holes Located Near an Edge.
N85-13279/3 07-*515,579* PC **A07**/MF **A01**

Formulations et Methodes de Resolution des Problemes Classiques du Flambage Statique (Formulation and Solution Methods for Classical Problems of Static Buckling).
N85-13280/1 07-*515,580* PC **A04**/MF **A01**

Deformations Non-Lineaires et Flambage Statique Lineaire de Structures Soumises a des Forces de Pression (Nonlinear Deformation and Static Linear Buckling of Structures under Pressure).
N85-13281/9 07-*515,581* PC **A03**/MF **A01**

Methode d'Essais de Telecabines (Test Methods for Cable Cars).
N85-13282/7 07-*515,228* PC **A02**/MF **A01**

Contribuciones Cientificas Para Conmemorar El 75 Aniversario Del Observatorio Del Ebro (Scientific Contributions in Commemoration of Ebro Observatory's 75TH Anniversary).
N85-13308/0 07-*514,406* PC **A23**/MF **A01**

Relatorio Do Trabalho de Campo Realizado NAS Bacias DOS Rios Quebra Osso E Tanque Preto, NA Quadricula de Catas Altas, Minas Gerais (Report of the Field Work Performed in the Basins of the Quebra Osso and Tanque Petro Rivers in the Catas Altas Quadrangle, Minas Gerais).
N85-13359/3 07-*514,745* PC **A04**/MF **A01**

Fontes de Calor Nos Tropicos E Escoamentos Anoma Los de Larga Escala Associadas COM Anomalias de Precipitacao No Nordeste Do Brasil (Heat Sources in the Tropics and Large Scale Flow Anomalies Associated with Precipitation Anomalies in Northeast Brazil).
N85-13421/1 07-*514,414* PC **A05**/MF **A01**

Inzameling en Opslag van Cabauwmetingen: Een Systeemvoorstel (Acquisition and Storage of Cabauw Measurements: A System Proposal).
N85-13434/4 07-*514,417* PC **A04**/MF **A01**

Operationele Numerieke Voorspellingen: Overzicht en Verifikatie over de Periode 1978-1983 (Operational Numerical Forecasts: Survey and Verification over the Period 1978-1983).
N85-13435/1 07-*514,418* PC **A03**/MF **A01**

Experiments with Hydrox at 1.3 Mpa (13 ATM).
N85-13471/6 07-*514,622* PC **A07**/MF **A01**

Entwurf und Implementierung Eines Modularen Programmsystems Zur Durchfuehrung Statistischer Analysen (Design and Implementation of a Modular Program System for Statistical Analyses).
N85-13503/6 07-*514,825* PC **A09**/MF **A01**

Formats for Numerical and Textual Data in Data Processing.
N85-13504/4 07-*514,826* PC **A04**/MF **A01**

Self-Tuning Control of Offset: A Unified Approach.
N85-13520/0 07-*515,038* PC **A03**/MF **A01**

Long-Range Predictive Control Using Weighting-Sequence Models.
N85-13521/8 07-*515,039* PC **A03**/MF **A01**

Inducao de Regras de Decisao Nebulosas (Induction of Fuzzy Decision Rules).
N85-13525/9 07-*515,053* PC **A02**/MF **A01**

Interval Mathematics Reports.
N85-13536/6 07-*515,042* PC **A05**/MF **A01**

Unrestricted Convergence for Generalized Poisson Integrals.
N85-13540/8 07-*515,043* PC **A02**/MF **A01**

Measure Determining Classes of Balls in Banach Space.
N85-13541/6 07-*515,044* PC **A02**/MF **A01**

Interpolating Sequences for H to Infinity in the Ball.
N85-13542/4 07-*515,045* PC **A02**/MF **A01**

Time Discretization of Parabolic Problems by the Discontinuous Galerkin Method.
N85-13543/2 07-*515,046* PC **A03**/MF **A01**

Loeb Sobolev Spaces with Applications to Variational Integrals and Differential Equations.
N85-13544/0 07-*515,047* PC **A03**/MF **A01**

Qualificazione di Sistemi Non-Invasivi Per la Rivelazione on-Line di Perdite in Preriscaldatori d'Acqua Alimento AD Alta Pressione (Qualification of Noninvasive Systems for on-Line Leak Detection in High Pressure Feed Water Preheaters).
N85-13555/6 07-*515,230* PC **A03**/MF **A01**

Mesure des Precharges de Serrage dans les Assemblages Boulonnes Par Methode Ultrasonore (Measurement of the Preloading of Bolted Joints by the Ultrasonic Method).
N85-13556/4 07-*515,231* PC **A12**/MF **A01**

Bruit des Petits Groupes Moto-Compresseurs Mobiles. Experimentation de Plusieurs Traitements Acoustiques de Cout Limite et Permettant des Gains Progressifs (Noise in Small Portable Motocompressors. Experiments on Limited-Cost Acoustic Treatments to Obtain Progressive Improvements).
N85-13557/2 07-*515,694* PC **A04**/MF **A01**

Energieuebertraege bei Atom-Molekuel-Streuexperimenten AM Beispiel der Systeme SF6-AR, CF4-Ne und Xe-CO2 im I 1 Ev-Bereich (Energy Transfer in Atom-Molecule Scattering Experiments in the 1EV Region with SF6-AR, CF4-Ne and Xe-CO2 Systems as Examples).
N85-13583/7 07-*514,708* PC **A06**/MF **A01**

Untersuchung der K Wechselwirkung bei Stossenergien Zwischen 0.5 und 5.7 Ev (Investigation on K (4 2P3/2) Hg Interaction at Collision Energies from 0.5 to 5.7 Ev).
N85-13589/5 07-*514,709* PC **A02**/MF **A01**

Rotationsinelastic Streuung von He-Atoms an HF-, HCl-, CF4-, SF6-, C2H6- und C2F6-Molekuelen (Rotational Inelastic Scattering of He-Atoms at HF-, HCl-, CF4-, SF6-, C2H6- and C2F6-Molecules).
N85-13590/3 07-*514,710* PC **A10**/MF **A01**

Investigation and Development of Multicolored Liquid Crystal Display Systems for Automotive Dashboard Application and Large Format Information Boards.
N85-13652/1 07-*515,128* PC **A05**/MF **A01**

Experimentelle Zustandsgleichung fuer Bosonenga (Experimental Equations of State for Boson Gases).
N85-13659/6 07-*515,588* PC **A02**/MF **A01**

Selecao de Projatos de p and D COM Retornos Nao-Numericos (R and D Project Selection with Nonnumerical Returns).
N85-13665/3 07-*515,054* PC **A02**/MF **A01**

Forschungsbericht 1979-1982. Teil 2: Projektteil (Research Report 1979-1982. Part 2: Projects).
N85-13667/9 07-*514,534* PC **A24**/MF **A01**

Dynamic Decision Making.
N85-13668/7 07-*515,055* PC **A03**/MF **A01**

Activities Report in Technology.
N85-13681/0 07-*514,432* PC **A03**/MF **A01**

Premiers Essais Cryogeniques du Profil Cast 7 a la Soufflerie T2. Comparaisons Avec les Calculs (First Cryogenic Test of the Cast 7 Profile in the T2 Wind Tunnel. Comparison with Calculations).
N85-13682/8 07-*514,325* PC **A04**/MF **A01**

Un Systeme de Documentation Electronique (An Electronic Documentation System).
N85-13683/6 07-*514,449* PC **A02**/MF **A01**

L'Analyse de la Valeur (Value Analysis).
N85-13684/4 07-*514,463* PC **A06**/MF **A01**

International Comparative Study of Systems for the Government Advancement of Research and Development.
N85-13689/3 07-*514,500* PC **A13**/MF **A01**

Search for the Radiative Decay of a Cosmic Relic Particle with IUE.
N85-13707/3 07-*514,394* PC **A02**/MF **A01**

Rapport de Fin de Fabrication de la Demi-Aile Hypersustentee a Fleche Variable (Manufacturing Report of an Augmented Lift, Variable Deflection Half Wing).
N85-13766/9 08-*515,747* PC **A02**/MF **A01**

Flow around Bluff Bodies: Numerical and Experimental Approaches.
N85-13778/4 08-*515,726* PC **A14**/MF **A01**

Stroemungsbereich Um Schlanke Fluegel Unter Beruecksichtigung der Stroemungsabloesung an der Seitenkante (Flow Calculation on a Thin Wing, with Specific Attention to Separation Point at the Trailing Edge).
N85-13787/5 08-*515,727* PC **A03**/MF **A01**

German Domestic Scheduled Air Transport in the Year 2000.
N85-13792/5 08-*515,737* PC **A05**/MF **A01**

Time Comparison with Gps Technique and First Results with the DFVLR C/A Code Receiver.
N85-13794/1 08-*517,390* PC **A02**/MF **A01**

Planeur Propulse Dg 400 (The DG400 Propulsed Glider).
N85-13795/8 08-*515,748* PC **A04**/MF **A01**

Mechanical Properties of Aligned Short Carbon Fiber Reinforced Pes and pi Laminates.
N85-13918/6 08-*516,854* PC **A06**/MF **A01**

Ionisation und Flammenstruktur (Ionization and Time Structure of Flames).
N85-13925/1 08-*518,195* PC **A05**/MF **A01**

Investigations Regarding Process Analysis of Liquids in the 1 to 2 Micrometer Spectral Range.
N85-13926/9 08-*517,276* PC **A04**/MF **A01**

Investigation of the Ostwald Ripening of Separated Particles in Liquid-Liquid Systems under Microgravity Conditions.
N85-13927/7 08-*516,424* PC **A05**/MF **A01**

Inclusion Formation During Solidification of Steels with Improved Machinability.
N85-13957/4 08-*516,902* PC **A11**/MF **A01**

Investigation of the Isothermal Precipitation Behavior of Nickel-Base Alloys Using Electrochemical Phase Extraction.
N85-13958/2 08-*516,903* PC **A07**/MF **A01**

Nitinol Devices, Phase 2, Integration of Slip Ring System and Tracking Mechanism with Memory Drive.
N85-13959/0 **08**-*516,904* PC **A04**/MF **A01**

Controlled Directionally Solidified Precision Casting for Superalloys and Steels.
N85-13960/8 **08**-*516,905* PC **A07**/MF **A01**

Caracterisation de l'Alliage d'Aluminium 7010 en Tole Semi-Epaisse, aux Etats Metallurgiques T 651 et T 7651, Proces Verbal No. 44-606/F (Characterization of Aluminum Alloy 7010 in Moderate Width Plate and T651 and T7651 Metallurgical States).
N85-13961/6 **08**-*516,906* PC **A04**/MF **A01**

Etude Parametrique de l'Ensimage P9 HT de la Fibre de Verre (Tenue a la Fatigue). Lot No 1: Compte-Rendu des Essais de Micro-Fatigue (Parametric Study of the P9 HT Glass Fiber Finish (Fatigue Resistance). Lot No. 1: Report on the Microfatigue Tests).
N85-13968/1 **08**-*516,855* PC **A04**/MF **A01**

Self-Tuning Controller Design and Implementation.
N85-13975/6 **08**-*516,966* PC **A03**/MF **A01**

Generalized Log Approach to Self-Tuning Control. Part 1: Aspects of Design. Part 2: Implementation and Simulation.
N85-13976/4 **08**-*516,967* PC **A04**/MF **A01**

Basic Investigation Concerning the Applicability of Multispectral Radiation Data from Microwave Radiometry Measurements to Geoscientific Objectives of Remote Sensing.
N85-14027/5 **08**-*517,277* PC **A16**/MF **A01**

Methodes Parametriques en Traitement du Signal: Modelisations Autoregressive (AR), a Moyenne Ajustee (MA) et Mixte Autoregressive a Moyenne Ajustee (ARMA) (Parametric Models for Signal Processing: Autoregressive (AR), Moving Average (MA) and Mixed Autoregressive with Moving Average (ARMA)).
N85-14028/3 **08**-*516,666* PC **A07**/MF **A01**

Spezielle Entwicklungen und Verfahren der Hochfrequenzmesstechnik (Special Developments and Methods in High Frequency Measuring Techniques).
N85-14030/9 **08**-*516,662* PC **A11**/MF **A01**

Preliminary Study for an IR-Vidicon for the 8 to 14 Micron Range, Phase 1.
N85-14057/2 **08**-*516,699* PC **A03**/MF **A01**

Die Bestimmung des Druck-Leerlauf-Uebertragungsmasses von 1-Zoll-Kondensatormik-Rofonen (Determination of the Pressure Sensitivity of 1 Inch Condenser Microphones).
N85-14058/0 **08**-*516,578* PC **A05**/MF **A01**

User-Oriented Development and Production of Integrated Circuits in Small and Medium Quantities.
N85-14059/8 **08**-*516,700* PC **A04**/MF **A01**

Development and Testing of TiB2, Used as Cathode Material in Al-Electrolysis Cells.
N85-14060/6 **08**-*516,579* PC **A04**/MF **A01**

Practical Application of Electron Beam Testing in LSI and VLSI Circuits.
N85-14061/4 **08**-*516,701* PC **A09**/MF **A01**

Switched Capacitor (SC) Filter and Design Centering of Integrated Circuits, Part 1.
N85-14062/2 **08**-*516,702* PC **A04**/MF **A01**

Physico-Chemical Investigations on the Electronic Partial Conductivity of Molten Electrolytes, Especially of the Eutectic Mixture LiCl-KCl.
N85-14063/0 **08**-*516,835* PC **A05**/MF **A01**

Design and Construction of a Mode Converter from Rectangular TE 10 to Circular TE 11.
N85-14064/8 **08**-*517,197* PC **A02**/MF **A01**

Oscillatory Convection.
N85-14077/0 **08**-*517,771* PC **A05**/MF **A01**

Flow in Centrifugal Compressors.
N85-14079/6 **08**-*518,293* PC **A17**/MF **A01**

Development of a Mass Transfer Machine for Gas/Liquid Operations in the Absence of Gravity.
N85-14091/1 **08**-*516,425* PC **A09**/MF **A01**

Theoretische Beschreibung des Dampffilmsiedens in Einer Zweiphasigen Behandlung (Theoretical Description of Film Boiling in a Two Phase Flow Calculation).
N85-14092/9 **08**-*517,773* PC **A04**/MF **A01**

Investigation of Phase Separation Models in RELAP 4/MOD 6.
N85-14093/7 **08**-*517,774* PC **A03**/MF **A01**

Wave Propagation in Compliant Tubes Containing a Heat-Conducting Viscous Fluid.
N85-14094/5 **08**-*517,775* PC **A03**/MF **A01**

Evaluation of the Stochastic Drift of Rate-Integrating Gyros as Preparation for the Analysis of Laser Gyro Drift Measurements.
N85-14099/4 **08**-*517,391* PC **A03**/MF **A01**

Measuring System with Ion Selective Electrodes.
N85-14100/0 **08**-*517,278* PC **A04**/MF **A01**

Development Program: Nuclear Magnetic Resonance Gyroscope (NMR-Gyro). Phase 1: Development of an Experimental Model.
N85-14101/8 **08**-*517,392* PC **A06**/MF **A01**

Etude et Realisation d'UN Systeme Doppler Pulse Multi-Porte (128) Directional, a Traitement de Signal Sequentiel (Study and Realization of a Doppler System with Pulsed, Directional, Multiport (128) Emission and Sequential Signal Treatment).
N85-14102/6 **08**-*516,144* PC **A08**/MF **A01**

Cleaning Procedures of Laser Mirror Substrates.
N85-14108/3 **08**-*517,783* PC **A02**/MF **A01**

Laser Diodes for Infrared Spectroscopy.
N85-14109/1 **08**-*517,784* PC **A06**/MF **A01**

Modular Laser Distance Measurement System for Multiaxis Machine Tools.
N85-14110/9 **08**-*517,279* PC **A05**/MF **A01**

European Space Tribology Laboratory (ESTL) Activities Report.
N85-14146/3 **08**-*517,199* PC **A02**/MF **A01**

Development of a Capacitive Sensor System for High Temperature Application.
N85-14147/1 **08**-*517,280* PC **A04**/MF **A01**

Optimization of Toughness Properties of HSCA Shielded Metal Arc Welding Electrodes.
N85-14148/9 **08**-*517,200* PC **A02**/MF **A01**

Stirling Engine Development, State of the Art. Possible Engine Applications and Suitability in Comparison to Established Plants and Systems.
N85-14149/7 **08**-*518,305* PC **A10**/MF **A01**

Fourth LBF Colloquium.
N85-14163/8 **08**-*516,856* PC **A14**/MF **A01**

Evaluation of the Crack Initiation Life Behavior of Fatigue Loaded Automotive Components Made from High Strength Aluminium Alloys.
N85-14181/0 **08**-*517,178* PC **A09**/MF **A01**

Electronic Satellite Imaging System MOMS-ESA.
N85-14248/7 **08**-*517,281* PC **A04**/MF **A01**

Etude de la Texture des Images des Satellites Meteorologiques Operationnels Noaa 6 et Noaa 7 et sa Variation dans le Temps Application a la Beauce (Image Texture Study for the Operational Meteorological Satellites NOAA 6 and NOAA 7 and Its Variation with Time. Application to the Beauce Region).
N85-14249/5 **08**-*516,630* PC **A08**/MF **A01**

Messtechnische Untersuchungen an Windenergieanlagen (Measurement-Technical Investigations of Wind Energy Units).
N85-14293/3 **08**-*516,766* PC **A11**/MF **A01**

Joint Indo-German Program on Solar Energy: Parabolic Dish Program, Step 1.
N85-14312/1 **08**-*516,767* PC **A04**/MF **A01**

Comportamento DA Regiao Ionosferica F Em Baixas Latitudes E Regiao Equatorial Do Brasil Durante Fortes Tempestades Magneticas, No Periodo 1978 - 1983 (Behavior of the Ionospheric F Region in Low Latitudes and in the Equatorial Region of Brazil During Strong Magnetic Storms in the 1978 to 1983 Period).
N85-14333/7 **08**-*515,835* PC **A02**/MF **A01**

Aumentos Noturnos NA Ionizacao DA Regiao Ionosferica F Em Baixa Latitude No Brasil Durante Tempestades Magneticas (Nocturnal Increases of Ionization in the Ionospheric F Region in the Low Latitude of Brazil During Magnetic Storms).
N85-14334/5 **08**-*515,836* PC **A02**/MF **A01**

Medidad de Campos Eletricos Atraves de Baloes Estratosfericos NA Regiao DA Anomalia Do Atlantico Sul (Measurements of Electric Fields Obtained by Stratospheric Balloons in the Region of the South Atlantic Anomaly).
N85-14335/2 **08**-*515,837* PC **A02**/MF **A01**

Relation Between Atmospheric Scattering and Backscattering Coefficient.
N85-14350/1 **08**-*515,839* PC **A03**/MF **A01**

TAF-Verifikation (TAF Verification (Airport Weather Forecasts)).
N85-14420/2 **08**-*515,859* PC **A03**/MF **A01**

Application of Basic Control Laws to Human Medicine.
N85-14482/2 **08**-*516,218* PC **A05**/MF **A01**

Catecholamine Excretion and Subjective Ratings of Tension During Autogenic Training and Mental Stress.
N85-14483/0 **08**-*516,219* PC **A02**/MF **A01**

Construction of Auditive Tests of Attention and Spatial Orientation and Their Factorial Structure.
N85-14485/5 **08**-*516,113* PC **A05**/MF **A01**

Investigation of Pilot Behavior in Flight Tests with a Rate Command/Attitude Hold Control System.
N85-14486/3 **08**-*516,114* PC **A04**/MF **A01**

S-Micro - Sistema Para Simulacao de Unidade de Controle Microprogramada (S-Micro: A System for Simulating a Microprogrammed Control Unit).
N85-14585/2 **08**-*516,633* PC **A02**/MF **A01**

Como Implementar O Programa de Boas Vindas Em Microcomputadores Compativeis COM O Apple 2 (How to Implement the Welcome Program in Compatible Microcomputers Such as Apple 2).
N85-14586/0 **08**-*516,634* PC **A02**/MF **A01**

Increase in the Economy of Design and Process Planning by Integrated and Graphic Data Processing, Phase 2.
N85-14589/4 **08**-*515,755* PC **A07**/MF **A01**

Efficient Sorting Routines in Fortran 77.
N85-14590/2 **08**-*516,635* PC **A02**/MF **A01**

Experimentation de Techniques de Specification Formelle pour la Conception de Logiciels Fiables et Prouves (Experimental Techniques of Formal Specifications for the Design of Tested and Reliable Computer Programs).
N85-14591/0 **08**-*516,636* PC **A15**/MF **A01**

Determination Automatique du Mouvement dans Une Sequence d'Image Interet pour l'Interpretation (Automatic Determination of Motion in an Image Sequence. The Interest for Interpretation).
N85-14592/8 **08**-*516,637* PC **A06**/MF **A**

Towards a Specification of the B Programming Enviro
ment.
N85-14593/6 **08**-*516,638* PC **A03**/MF **A**

Contribution a l'Etude et la Realisation du Reseau Loc
Multiservices Carthage (Contribution to the Study an
Realization of the CARTHAGE Multiservice Local Ne
work).
N85-14595/1 **08**-*516,639* PC **A12**/MF **A**

Programming and Application of Numerical Controlle
Measuring Machines (NCMES).
N85-14599/3 **08**-*517,209* PC **A06**/MF **A**

H-Infinity-Minimax Approach to the Design of Robust Control Systems.
N85-14600/9 **08**-*516,968* PC **A02**/MF **A**

One Queue or Two Pushdown Stores Take Square Time o
a One-Head Tape Unit.
N85-14601/7 **08**-*516,640* PC **A02**/MF **A**

Mathematical Models for the Brightness Temperature o
Object and Environment in the Microwave Region.
N85-14610/8 **08**-*517,282* PC **A04**/MF **A**

Linear Associative Mapping.
N85-14611/6 **08**-*516,641* PC **A02**/MF **A**

Intervall-Iterationsverfahren fuer Nichtlineare Gleichungs
systeme: Theorie und Praktischer Vergleich am Compu
(Interval Iteration Methods for Nonlinear Equation Sy
tems: Theory and Comparison on Computer).
N85-14612/4 **08**-*516,969* PC **A06**/MF **A**

Coupling of Multidirectional Diffusions by Reflection.
N85-14613/2 **08**-*516,970* PC **A03**/MF **A**

Some Error Estimates for the p-Version of the Finite Element Method.
N85-14614/0 **08**-*516,971* PC **A02**/MF **A**

Lumped Mass Finite Element Method with Quadrature for
Nonlinear Parabolic Problem.
N85-14615/7 **08**-*516,972* PC **A03**/MF **A**

Loeb Solutions of the Boltzmann Equation with Initi
Boundary Values and External Forces.
N85-14616/5 **08**-*518,173* PC **A03**/MF **A**

Comment on Rosen's Comments on Activation and Inhibition.
N85-14617/3 **08**-*516,973* PC **A02**/MF **A**

Relaxation Times for Queueing Systems.
N85-14618/1 **08**-*516,999* PC **A02**/MF **A**

Edgeworth Expansion for the Sum of a Function of Unifor
Spacings.
N85-14619/9 **08**-*516,974* PC **A02**/MF **A**

Weak Limits of Elementary Symmetric Polynomials.
N85-14620/7 **08**-*516,975* PC **A02**/MF **A**

Priority Rewrite Systems.
N85-14621/5 **08**-*516,642* PC **A04**/MF **A**

Process Algebra for Communication and Mutual Exclusion.
N85-14622/3 **08**-*516,667* PC **A03**/MF **A**

Step-by-Step Stability in the Numerical Solution of Partia
Differential Equations.
N85-14623/1 **08**-*516,976* PC **A03**/MF **A**

Mixed Defect Correction (Iteration) for the Solution of a Singular Perturbation Problem.
N85-14624/9 **08**-*516,977* PC **A03**/MF **A**

Linear Autonomous Retarded Functional Differential Equations; a Sharp Version of Henry's Theorem.
N85-14625/6 **08**-*516,978* PC **A03**/MF **A**

Some Implementations of Multigrid Linear System Solvers.
N85-14626/4 **08**-*516,979* PC **A03**/MF **A**

Convergence of Method of Lines Approximations to Partia
Differential Equations.
N85-14627/2 **08**-*516,980* PC **A02**/MF **A**

Conservative and Nonconservative Schemes for the Solution of the Nonlinear Schroedinger Equation.
N85-14628/0 **08**-*518,101* PC **A03**/MF **A**

Construction of a Confidence Region for Linear Function
with Unknown Parameters.
N85-14630/6 **08**-*516,981* PC **A02**/MF **A**

Growth and Composition of Supercritical Branching Populations on General Type Spaces.
N85-14631/4 **08**-*516,156* PC **A04**/MF **A**

on-Line Parameter Estimation Algorithm for Counting Process Observations.
N85-14632/2 **08**-*516,982* PC **A02**/MF **A**

Estimating a Monotone Density.
N85-14633/0 **08**-*516,983* PC **A02**/MF **A**

Approximating the Percentage Points of Greenwood's Statistic with Cornish-Fisher Expansions.
N85-14634/8 **08**-*516,984* PC **A02**/MF **A**

Monotonicity Property of the Power Function of Multivariat
Tests.
N85-14635/5 **08**-*516,985* PC **A02**/MF **A**

Limit Theorem for the Superposition of Renewal Processes.
N85-14636/3 **08**-*516,986* PC **A02**/MF **A**

Asymptotic Distributions of Estimators for Posterior Probabilities in a Classification Model with Both Continuous and Discrete Variables.
N85-14637/1 **08**-*516,987* PC **A03**/MF **A**

Note on Two Papers in Dependent Central Limit Theory.
N85-14636/9 08-*516,988* PC **A02**/MF **A01**

Hollings Hungry Mantid Model for the Invertebrate Functional Response Considered as a Markov Process. Part 2: Mathematical Elaborations.
N85-14638/7 08-*516,157* PC **A03**/MF **A01**

Transient Behavior of Networks with Infinite Server Nodes.
N85-14640/5 08-*517,000* PC **A02**/MF **A01**

Martingale Approach to Supercritical (C-M-J) Branching Processes.
N85-14643/9 08-*516,989* PC **A02**/MF **A01**

Trilinear Alternating Forms on a Vector Space of Dimension 7.
N85-14644/7 08-*516,990* PC **A02**/MF **A01**

Invariant Measures and the Equicontinunus Structure Relation 1.
N85-14645/4 08-*516,991* PC **A02**/MF **A01**

Invariant Measures and the Equicontinuous Structure Relation 2: The Relative Case.
N85-14646/2 08-*516,992* PC **A02**/MF **A01**

Orthogonal Polynomials and a Dirichlet Problem Related to the Hilbert Transform.
N85-14647/0 08-*516,993* PC **A03**/MF **A01**

Study of the Recursion Yn+ 1= Yn+ tau Yn Sup M.
N85-14648/8 08-*516,994* PC **A02**/MF **A01**

Isochoric Heat Capacity of Fluid Substances in the Critical Region. Pre-Examinations for a Spacelab Experiment.
N85-14650/4 08-*516,426* PC **A07**/MF **A01**

Amiet Shear Layer Correction with an Additional Temperature Gradient Considered: Nomograms for the Correction of Noise Signatures from Open Jet Wind Tunnel Tests.
N85-14669/4 08-*517,285* PC **A04**/MF **A01**

Streuexperimente Zur Wechselwirkung von Angeregten Atomen: Differentielle Querschnitte des Systems NA (3P)+ K(4S) (Scattering Experiments on Interactions of Excited Atoms: Differential Cross Sections of the System Na (3P)+ K(4S)).
N85-14677/7 08-*516,427* PC **A06**/MF **A01**

Activities Report in Nuclear Physics.
N85-14680/1 08-*518,012* PC **A08**/MF **A01**

Observacoes de Bolhas de Plasma E de Sua Deriva Zonal Usando Polarimetros (Observations of Plasma Bubbles and Their Zonal Drift Using Polarimeters).
N85-14686/4 08-*515,840* PC **A02**/MF **A01**

Development of a 90 Ghz Solid State Noise Source.
N85-14715/5 08-*517,286* PC **A05**/MF **A01**

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N85-14720/5 08-*515,841* PC **A04**/MF **A01**

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N85-14732/0 08-*515,818* PC **A14**/MF **A01**

Development of the Code NSFOIL for Analyzing High Reynolds Number Transonic Flow around an Airfoil.
N85-14801/3 09-*518,326* PC **A03**/MF **A01**

Study of Crashworthiness of Light Aircraft Fuselage Structures: A Numerical and Experimental Investigation.
N85-14803/9 09-*518,338* PC **A09**/MF **A01**

Critical Conditions for the Automatic Control of Landing from Decision Height in Variable Winds.
N85-14830/2 09-*518,332* PC **A13**/MF **A01**

Theoretical Design Method for 3-Dimensional Transonic Wings.
N85-14834/4 09-*518,340* PC **A02**/MF **A01**

Flight Test Results on Stall Characteristics of a Large Jet Transport.
N85-14835/1 09-*518,341* PC **A02**/MF **A01**

Experimental Study on Transonic Flutter Characteristics of Sweptback Wing with Core Composite Plates Having Different Fiber Orientations.
N85-14842/7 09-*518,329* PC **A02**/MF **A01**

Improvement of the Transient Response in the Finite Settling Time Control.
N85-14843/5 09-*518,354* PC **A02**/MF **A01**

High Pressure Combustion Test Facility for Gas Turbine Research.
N85-14845/0 09-*519,822* PC **A03**/MF **A01**

Theory of the Orbital Motion of an Artificial Earth Satellite.
N85-14847/6 09-*520,928* PC **A04**/MF **A01**

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N85-14852/6 09-*520,933* PC **A12**/MF **A01**

Vibration Analysis of a Multipurpose Platform.
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Active Nutation Control of Spacecraft Using a Magnetic Bearing Momentum Wheel with Vernier Gimballing Capability.
N85-14857/5 09-*520,925* PC **A02**/MF **A01**

Study on a Medium-Sized Rocket with Burnout Frame.
N85-14863/3 09-*520,174* PC **A04**/MF **A01**

Fractographic Observation and Estimation of Crack Growth Curve of Aluminum Alloy under Random Flight Simulation Loading.
N85-14913/6 09-*519,408* PC **A02**/MF **A01**

Wear of Anodic Oxide Films on Aluminum Alloys in Cryogenic Liquids.
N85-14914/4 09-*519,358* PC **A02**/MF **A01**

Improvement of the Ladle Deoxidizing of Al-Killed Steel.
N85-14923/5 09-*519,409* PC **A02**/MF **A01**

Simple Extension to Multidimensional Problems of the Artificial Viscosity Due to Lapidus.
N85-15134/8 09-*520,213* PC **A02**/MF **A01**

Properties of a Round Turbulent Buoyant Jet.
N85-15136/3 09-*520,214* PC **A02**/MF **A01**

Development of Prototypes for Versatile Fast Discharge Systems for Pulsed Gas Lasers, Especially Excimer Lasers.
N85-15165/2 09-*520,225* PC **A04**/MF **A01**

Verification of a Computer Program for Vibration Analysis of Composite Wing Cores.
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Three-Dimensional Crack Location by Acoustic Emission.
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Experiencias com Processamento Digital de Imagens no INPE (Instituto de Pesquisas Espaciais) (Experiences with Digital Processing of Images at INPE (Instituto de Pesquisas Espaciais)).
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Eddy Correlation Measurements of Energy Partition for Amazonian Forest.
N85-15252/8 09-*518,404* PC **A03**/MF **A01**

Birkeland Currents Correlated with DC-Electric Fields Observed During the Centaur Bbx Rocket Experiments.
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Error Analysis of Wind Determined Using a VLF omega Sonde.
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High Speed Magnetic Tape Interface for a Microcomputer.
N85-15377/3 09-*519,122* PC **A02**/MF **A01**

Origin of Plasma Rotation in the Early Phase of an FRC Produced by a Reversed Field theta Pinch.
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Generation of Suprathermal Electrons During Plasma Current Startup by Lower Hybrid Waves in a Tokamak.
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Electromagnetic Acceleration of Macroparticles to Hypervelocities in Axisymmetric Geometry.
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Alpha-Particle Diagnostics with High Energy Neutral Beams.
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Limits of Possible Operation of the R-Tokamak Due to Ideal Mhd Instabilities.
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Nonlocal Expression for the Ponderomotive Potential.
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Thermodynamical Characteristics of Heat Storage Reactors Using Metal Hydrides.
N85-15524/0 09-*518,934* PC **A02**/MF **A01**

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Unsteady Flow Characteristics in the Near-Wake of a Two-Dimensional Obstacle.
N85-15684/2 10-*522,943* PC **A03**/MF **A01**

Flight Testing of Litton Laser Gyro Strapdown System LTN-90 for General Aviation.
N85-15709/7 10-*522,563* PC **A03**/MF **A01**

NYKINM, a Further Development of KINM 22.
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Nondestructive Deceleration of a Rocket Sled.
N85-15771/7 10-*522,905* PC **A02**/MF **A01**

Konzeption und Kostenanalyse Einer Raumstation im Mondorbit (Concept and Cost Analysis of an Orbiting Lunar Station).
N85-15776/6 10-*523,207* PC **A05**/MF **A01**

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N85-15807/9 10-*521,880* PC **A09**/MF **A01**

Qualification of an Electrothermal Hydrazine Thruster with a Vacuum Thrust of 0.5 to 2.0 N.
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Ramjet and Ramrocket Propulsion Systems for Missiles.
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Unidirectional Fibers and Polyurethane Elastomer Matrix Based Composites Synthesis and Properties.
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Development and Production of Improved alpha-Phase Silicon Nitride Powders for Hot Pressing and Sintering.
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Impressions from a Study Tour in Finland Concerning Fiber Reinforced Plastics, June 1984.
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N85-18630/2 12-*527,200* PC **A03**/MF **A01**

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N85-18774/8 12-*528,056* PC **A02**/MF **A01**

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N85-18775/5 12-*528,057* PC **A02**/MF **A01**

Vierfluessigkeits-Beschreibung Turbulenter Vorgaenge im Plasmafokus (Four Phase Model for Turbulent Instabilities Calculation in Plasma Jets).
N85-18776/3 12-*528,058* PC **A02**/MF **A01**

Lidar-Thomson Scattering.
N85-18777/1 12-*528,059* PC **A08**/MF **A01**

Four-Fluid Description of Turbulent Plasma Focus Dynamics.
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N85-18912/6 12-*528,096* PC **A08**/MF **A01**

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N85-18999/1 13-*530,735* PC **A02**/MF **A01**

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BRESEX Multispectral Camera: Preliminary Characteristics.
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N85-19493/4 13-*529,199* PC **A02**/MF **A01**

Remote Sensing Activities in Latin America.
N85-19501/4 13-*529,824* PC **A02**/MF **A01**

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N85-19556/8 13-*528,417* PC **A02**/MF **A01**

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Aerosol Limb Absorption.
N85-19562/6 13-*528,421* PC **A02**/MF **A01**

Model for Forecasting Runway Surface Temperature and Verification with Subjective Forecasts.
N85-19569/1 13-*528,450* PC **A03**/MF **A01**

Planetary Scale Circulation Anomalies Associated with Droughts over Northeast Brazil.
N85-19570/9 13-*528,451* PC **A02**/MF **A01**

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N85-19571/7 13-*528,452* PC **A02**/MF **A01**

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N85-19572/5 13-*528,453* PC **A02**/MF **A01**

Variacoes Interanuais DA Circulacao Geral de Inverno No Hemisferio Norte E DA Oscilacao Sul (Meridional) E Suas Possiveis Conexoes COM O Clima Do Nordeste Brasileiro (Interannual Variations of the Winter Circulation in the Northern Hemisphere and in the Southern Oscillation (Meridian) and Their Possible Connections with the Climate of Northeast Brazil).
N85-19573/3 13-*528,454* PC **A05**/MF **A01**

Abgeschlossene Hoehentiefs und Ihre Wetterauswirkungen in der Schweiz (Cut-off Lows and Their Influence on the Weather in Switzerland).
N85-19574/1 13-*528,455* PC **A03**/MF **A01**

Surface Currents of the Indian Ocean (To 25 Deg S., 100 Deg E.).
N85-19593/1 13-*529,027* PC **A05**

Low-Cost, General Purpose Image Processing System.
N85-19690/5 13-*529,201* PC **A02**/MF **A01**

Contribution to the Study of a Numerical Implicit Method for Solving the Euler Equations.
N85-19771/3 13-*530,329* PC **A07**/MF **A01**

Variational Calculation of the 2D H2 Molecule.
N85-19796/0 13-*528,992* PC **A02**/MF **A01**

Metal-Nonmetal Transitions in n-Doped Many-Valley Si and Ge.
N85-19848/9 13-*530,554* PC **A02**/MF **A01**

R and D Project Selection Problem with Fuzzy Coefficients.
N85-19871/1 13-*528,474* PC **A03**/MF **A01**

Use of Image Registration Technique in Brasilia's Urban Growth Monitoring.
N85-19896/8 13-*529,643* PC **A02**/MF **A01**

Modelisation des Ecoulements Turbulents en Fluides Compressibles - Aspects Metrologiques (Modeling Turbulent Flow in Compressible Fluids: Metrological Aspects).
N85-19926/3 14-*532,572* PC **A07**/MF **A01**

Die Ausbildung Eines Symmetrischen Wirbelpaares Hinter Einem Angestellten Sch Schlanken Drehkoerper (Generation of a Pair of Symmetric Eddies Behind a Slender Axisymmetric Body with Pitch Angle).
N85-19934/7 14-*530,743* PC **A05**/MF **A01**

Recherche Experimentale Dun Critere Declatement pour UN Tourbillon en Ecoulement Incompressible (Experimental Investigation of a Breakdown Criterion for a Vortex in an Incompressible Flow).
N85-19935/4 14-*530,744* PC **A03**/MF **A01**

Etude Experimentale Dune Couche Limite Turbulente Incompressible sur Une Paroi Courbe (Experimental Investigation of a Turbulent Incompressible Boundary Layer on a Curved Wall).
N85-19936/2 14-*532,573* PC **A06**/MF **A01**

Flight Mechanics Analysis of Dynamic Derivatives of the Dornier Variable Wind Tunnel Model.
N85-19937/0 14-*530,745* PC **A06**/MF **A01**

First Stage of Equipping a Do 28 as a Research Aircraft for Icing, and First Research Results.
N85-19982/6 14-*530,774* PC **A04**/MF **A01**

Robustness of Discrete-Time Dynamical Systems: Application to the Multivariable Digital Control of Combat Aircraft.
N85-19986/7 14-*530,794* PC **A07**/MF **A01**

Robustesse des Regulateurs de Pilotage Multivariables Continus (Robustness of Continuous Multivariable Flight Controls).
N85-19987/5 14-*530,795* PC **A03**/MF **A01**

Robustesse des Regulateurs de Pilotage Multivariables (Robustness of Continuous Multivariable Flight Controls).
N85-19988/3 14-*530,796* PC **A08**/MF **A01**

In-Flight Investigation of the Effects of Time Delay in Control System on Flying Qualities in Landing Approach.
N85-19989/1 14-*530,761* PC **A05**/MF **A01**

Activities Report in Space Research in Austria.
N85-19994/1 14-*530,983* PC **A04**/MF **A01**

Activities in French Aerospace.
N85-19995/8 14-*532,864* PC **A08**/MF **A01**

Future Launching Systems, Prospective Phase (3rd).
N85-19999/0 14-*532,895* PC **A14**/MF **A01**

Development of a 20 Ghz Modulator for the Payload of a Satellite for Propagation and Transmission Experiments, Including the Required Converters of the Test Equipment.
N85-20004/6 14-*532,364* PC **A05**/MF **A01**

Eureca Automatic Gradient Heating Facility (AGHF), Phase A Study.
N85-20005/3 14-*531,994* PC **A05**/MF **A01**

Solution Growth Facility, Phase A Design Study, Executive Summary.
N85-20006/1 14-*531,441* PC **A02**/MF **A01**

Interaction Fatigue-Fluage dans les Composites Carbone/Resine + ou - 45 Deg (Fatigue-Creep Interaction in + or - 45 Deg Carbon-Resin Composites).
N85-20027/7 14-*531,841* PC **A04**/MF **A01**

Examen Micrographique et Fractographique sur les Alliages 2214 et 2024 pour des Conditions de Mises en Solution Pouvant Entrainer la Brulure du Metal (Micrographic and Fractographic Examination of Alloys 2214 and 2024 for Conditions Which Would Cause Burning of the Metal on Being Put into Solution, Trial 17/175).
N85-20117/6 14-*531,872* PC **A04**/MF **A01**

Fatigue Crack Growth in Aramid Reinforced Aluminum Laminates (ARALL): Mechanisms and Predictions.
N85-20118/4 14-*531,842* PC **A06**/MF **A01**

Crack Growth Geometry in Aluminum Alloy Sheet Material under Flight Simulation Loading. 1: A Comparison Between Twist and Minitwist Falstaff and Short Falstaff. 2: Effect of Truncating High Loads.
N85-20119/2 14-*531,873* PC **A03**/MF **A01**

Caracterisation de la Structure du Reseau Dune Resine Epoxy Durcie (Systeme TGMDA/DDS) (Characterization of the Network Structure of a Hardened Epoxy Resin (TGMDA/DDS System)).
N85-20140/8 14-*531,506* PC **A07**/MF **A01**

Study of HTPB-Based SOFRAM Fuels.
N85-20150/7 14-*532,856* PC **A04**/MF **A01**

Seven-Year Thermal-Vacuum Real-Life Test of a Solar Array Drive Mechanism Manufactured by Marconi Space and Defence Systems (Model No. 002).
N85-20161/4 14-*532,200* PC **A04**/MF **A01**

Quantization Study for ERS-1 Wave Mode.
N85-20234/9 14-*532,410* PC **A14**/MF **A01**

Process Algebra with Asynchronous Communication Mechanisms.
N85-20235/6 14-*532,385* PC **A03**/MF **A01**

Computation of the Inviscid Velocity Potential for General Ellipsoids on a Nearly Quadratic Surface Grid.
N85-20287/7 14-*532,576* PC **A06**/MF **A01**

Study of Degenerate and Nondegenerate Critical Points in Three-Dimensional Flow Fields.
N85-20288/5 14-*532,577* PC **A04**/MF **A01**

Calculation of Oscillating Turbulent Flows in Open Channels.
N85-20289/3 14-*532,578* PC **A02**/MF **A01**

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N85-20290/1 14-*532,579* PC **A02**/MF **A01**

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N85-20292/7 14-*532,580* PC **A03**/MF **A01**

High Order Difference Schemes with Reduced Dispersion for Hyperbolic Differential Equations.
N85-20293/5 14-*531,930* PC **A03**/MF **A01**

Fluid Temperature and Concentration Gradient Measurement Study.
N85-20309/9 14-*532,262* PC **A11**/MF **A01**

Probe for Direct Measurement of Flow Direction.
N85-20310/7 14-*532,581* PC **A03**/MF **A01**

Model Calculations for a CO2 Mixing Laser with Screen Nozzle.
N85-20336/2 14-*532,595* PC **A07**/MF **A01**

Computerized Study of Rigid Cones Penetrating Aluminum Targets.
N85-20384/2 14-*532,553* PC **A04**/MF **A01**

Leak Monitoring in High Pressure Preheaters by a Noninvasive Ultrasonic Method.
N85-20394/1 14-*532,264* PC **A02**/MF **A01**

Leak Detection by Acoustic Emission Monitoring in Power Plant High Pressure Preheaters.
N85-20395/8 14-*532,265* PC **A02**/MF **A01**

Otimizacao de Vasos de Pressao Do Tipo Esferas Interceptantes (Optimization of Pressure Vessels with Standard Intercepting Spheres).
N85-20397/4 14-*532,240* PC **A02**/MF **A01**

Use of Analytical Models to Interpret Data Properly.
N85-20399/0 14-*532,691* PC **A03**/MF **A01**

Die Diagnoseausgleitchung 1980 des Deutschen Hauptdreiecksnetzes. Iv: Netzausgleichung (Teil 3) (The 1980 Diagnostic Adjustment of the German Main Triangulation Network. 4: Network Adjustment (Part 3)).
N85-20494/9 14-*531,550* PC **A0**

Die Diagnoseausgleichung 1980 des Deutschen Hauptdreiecksnetzes. 4: Netzausgleichung (Teil 1) (The 1980 Diagnostic Adjustment of the German Main Triangulation Network. 4: Network Adjustment (Part 1)).
N85-20525/0 14-*531,551* PC **A16**/MF **A01**

Die Diagnoseausgleichung 1980 des Deutschen Hauptdreiecksnetzes. 4: Netzausgleichung (Teil 2) (The 1980 Diagnostic Adjustment of the German Main Triangulation Network. 4: Network Adjustment (Part 2)).
N85-20526/8 14-*531,552* PC **A15**/MF **A01**

Sistema Simulador Do Gerador Solar de Satelites Artificiais (A System Simulator for the Solar Generator of Artificial Satellites).
N85-20534/2 14-*531,799* PC **A09**/MF **A01**

Relevance of Averaging Period to Wind Power Measurements and Efficiency of Wind Energy Conversion Systems (Wecs).
N85-20562/3 14-*531,768* PC **A02**/MF **A01**

Temperature of a Glass-Encapsulated Solar Cell Estimated from Ambient Air Temperature and Global Radiation.
N85-20563/1 14-*531,800* PC **A02**/MF **A01**

Environmental Effects of Space Activities.
N85-20577/1 14-*530,908* PC **A03**/MF **A01**

Esempi di Servizi Per l'Ambiente: Misure Idrologiche E di Inquinamento Nel Fume Po (Examples of Environment Services: Hydrological and Pollution Measurements in the Po River (Italy)).
N85-20578/9 14-*531,530* PC **A02**/MF **A01**

Percurso DA Anomalia Magnetica Brasileira Entre 1922 E 1969 (Precursors for Brazilian Magnetic Anomalies from 1922 to 1969).
N85-20590/4 14-*530,909* PC **A02**/MF **A01**

Resolucion de Problemas Sismologicos Bidimensionales Mediante Approximacion Por Elementos Finitos. Aplicacion a la Propagacion de Ondas Love a Traves Del Margen Continental Atlantico de la Peninsula Iberica (Resolution of 2-Dimensional Seismologic Problems by a Finite Element Approximation. Application to the Love Wave Propagation Through the Atlantic Border of the Iberic Peninsula).
N85-20594/6 14-*531,612* PC **A11**/MF **A01**

Resolucion de Problemas Sismologicos Bidimensionales Mediante Aproximacion Por Elementos Finitos. Aplicacion a la Propagacion de Ondas Love a Traves Del Margen Continental Atlantico de la Peninsula Iberica (Apendice: Otros Resultados Obtenidos Expresados de Forma Grafica (Resolution of 2-Dimensional Seismologic Problems by a Finite Element Approximation. Application to the Love Wave Propagation Through the Atlantic Border of the Iberic Peninsula. Appendix: Graphs of Results).
N85-20595/3 14-*531,613* PC **A05**/MF **A01**

Avion de Recherches Atmospheriques (Atmospheric Research Aircraft).
N85-20596/1 14-*530,932* PC **A06**/MF **A01**

Pathophysiological Study of Poisoning Due to Thermal Degradation of Materials.
N85-20640/7 14-*531,420* PC **A03**/MF **A01**

Material Thermolysis Product Toxicity: Definition of a Hazard Evaluation Methodology.
N85-20641/5 14-*531,421* PC **A10**/MF **A01**

Motion Sickness: Mechanisms, Prediction, Prevention and Treatment.
N85-20642/3 14-*531,264* PC **A08**/MF **A01**

Um Metodo Para Reducao de Ambiguidade Em Segmentacao de Imagens (A Method for Reduction of Ambiguity in Segmentation of Images).
N85-20664/7 14-*531,678* PC **A06**/MF **A01**

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N85-20707/4 14-*531,682* PC **A03**/MF **A01**

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N85-20708/2 14-*531,683* PC **A02**/MF **A01**

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N85-20744/7 14-*531,935* PC **A03**/MF **A01**

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N85-20761/9 14-*531,936* PC **A09**/MF **A01**

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N85-20785/0 14-*532,565* PC **A02**/MF **A01**

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N85-20854/4 14-*531,507* PC **A09**/MF **A01**

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N85-20855/1 14-*531,506* PC **A10**/MF **A01**

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N85-20856/9 14-*531,509* PC **A07**/MF **A01**

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N85-20866/8 14-*532,663* PC **A06**/MF **A01**

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N85-20867/6 14-*532,602* PC **A02**/MF **A01**

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N85-20904/7 14-*532,670* PC **A06**/MF **A01**

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N85-20905/4 14-*531,642* PC **A05**/MF **A01**

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N85-20926/0 14-*532,729* PC **A10**/MF **A01**

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N85-20945/0 14-*530,984* PC **A03**/MF **A01**

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N85-21083/9 14-*530,870* PC **A05**/MF **A01**

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N85-21086/2 14-*530,871* PC **A05**/MF **A01**

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N85-21087/0 14-*530,862* PC **A03**/MF **A01**

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N85-21111/8 14-*530,747* PC **A03**/MF **A01**

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N85-21121/7 14-*530,752* PC **A04**/MF **A01**

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N85-21129/0 14-*530,753* PC **A02**/MF **A01**

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N85-21130/8 14-*530,754* PC **A02**/MF **A01**

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N85-21175/3 14-*530,778* PC **A03**/MF **A01**

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N85-21227/2 14-*532,561* PC **A07**/MF **A01**

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N85-21238/9 14-*530,910* PC **A05**/MF **A01**

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N85-21254/6 14-*532,884* PC **A03**/MF **A01**

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N85-21343/7 14-*531,879* PC **A03**/MF **A01**

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N85-21397/3 14-*532,822* PC **A02**/MF **A01**

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N85-21611/7 14-*531,645* PC **A02**/MF **A01**

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N85-21648/9 14-*530,937* PC **A04**/MF **A01**

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Mesures Bidimensionnelles Par Anemometrie Laser des Fluctuations de Vitesse dans UN Jet Excite (Laser Anemometry Two Dimensional Measurement of Velocity Fluctuations in an Excited Jet).
N85-24254/3 17-*539,305* PC **A02**/MF **A01**

Einfluss der Form und des Spiels Eines Flugkolbens Auf die Grenzschicht und den Waermeuebergang (Effect of Form and Clearance of a Piston Launched in a Tube on the Boundary Layer and the Heat Transfer).
N85-24255/0 17-*539,244* PC **A03**/MF **A01**

Visualisierung von Geschwindigkeitsfeldern MIT Dopplerbildern (Visualization of Velocity Fields with Doppler Images).
N85-24256/8 17-*539,306* PC **A02**/MF **A01**

33 Jahre Forschung MIT Stossrohren im Deutsch-Franzoesischen Forschunginstitut Saint Louis (Thirty-Three Years of Research with Shock Tubes in the Franco-German Research Institute, Saint Louis (France)).
N85-24257/6 17-*539,307* PC **A02**/MF **A01**

Experimentelle Simulation der Stroemungen VOR und Hinter Einem Geschoss MIT und Ohne Gasschlupf (Experimental Simulation of the Flows in Front of and Behind a Projectile with and Without Gas Slippage).
N85-24258/4 17-*539,245* PC **A03**/MF **A01**

Die Verwendung Einer Leichtgaskanone Zur Simulation Innenballistischer Stroemungen (The Utilization of a Light-Gas Gun to Simulate Interior Ballistic Flow).
N85-24259/2 17-*539,246* PC **A02**/MF **A01**

Druckwellen VOR und Hinter Einem Flugkolben im Stossrohr (Compression Waves in Front of and Behind a Piston Launched in a Shock Tube).
N85-24260/0 17-*539,247* PC **A06**/MF **A01**

Nichtstationaere Rohrstroemungen MIT Verbrennung (Unsteady Flows in a Tube with Combustion Reaction).
N85-24261/8 17-*539,248* PC **A05**/MF **A01**

Geschwindigkeitsmessungen in Einer Aerosolwolke Waehrend der Pyrotechnischen Zerstaeubung (Measurement of the Expansion Velocity of an Aerosol Cloud During Pyrotechnical Dispersion).
N85-24262/6 17-*539,249* PC **A03**/MF **A01**

Durchfuehrbarkeitsstudie Zum Bau Einer Anlage Zur Simulation der Treibgasstroemung in Einem Waffenrohr, 2 (Feasibility Study of an Installation to Simulate the Flow of Propellant Gases in a Gun Barrel, Part 2).
N85-24263/4 17-*539,253* PC **A03**/MF **A01**

Experimentelle und Theoretische Untersuchung der Partikelbewegung in Einem Kompressible Wirbel (Experimental and Theoretical Investigation of the Motion of Particles in a Compressible Vortex).
N85-24264/2 17-*539,308* PC **A04**/MF **A01**

Einsatzmoeglichkeiten der Laser-Doppler-Anemimetrie bei der Untersuchung der Transsonischen Wechselwirkung Zwischen Verdichtungsstoss und Grenzschicht (Application Possibilities of Laser Doppler Anemometry in the Investigation of the Transonic Interaction Between Shock Wave and Boundary Layer).
N85-24265/9 17-*538,712* PC **A04**/MF **A01**

Mass and Heat Transfer in Reflux Condensers of Absorption Heat Pumps.
N85-24266/7 17-*538,399* PC **A03**/MF **A01**

Seven-Wavelength Pyrometer for Determining Surface Temperature of Ablation Materials.
N85-24268/3 17-*538,713* PC **A02**/MF **A01**

Omega: Un Dispositif de Mesure Optronique de l'Angle d'incidence d'UN Projectile (Omega: An Optronic Device to Measure the Incidence Angle of a Projectile).
N85-24274/1 17-*539,250* PC **A02**/MF **A01**

Anwendung von Microchannelplates in der Roetgenblitztechnik (Utilization of Microchannel Plates in the Flash X-Ray Technique).
N85-24275/8 17-*538,716* PC **A02**/MF **A01**

Interferometrische Geschwindigkeitsmessungen in der Ballistik (Interferometric Velocity Measurements in Ballistics).
N85-24276/6 17-*539,251* PC **A03**/MF **A01**

Laser in der Kurzzeitphysik und Ballistik (Lasers in the Domains of Ultrashort-Time Phenomena Physics and Ballistics).
N85-24299/8 17-*538,717* PC **A03**/MF **A01**

Kupferhohlkathodenlaser (Laser with a Hollow Copper Cathode).
N85-24300/4 17-*539,328* PC **A02**/MF **A01**

Developement of a Theoretical Model to Describe the Interaction Between Electric Discharge and Supersonic Flow of a Pulsed CO Laser.
N85-24301/2 17-*539,329* PC **A06**/MF **A01**

Mini-Seminar on Non-Destructive Testing.
N85-24306/7 17-*538,718* PC **A07**/MF **A01**

Station Keeping of Geostationary Satellites by Electric Propulsion.
N85-24337/6 17-*539,641* PC **A03**/MF **A01**

Beanspruchung von Rotationssymetrischen Schwermetallprojektilen Beim Abschuss (Stress in Axially Symmetrical Heavy Metal Projectiles During Discharge).
N85-24345/9 17-*539,239* PC **A02**/MF **A01**

Proceedings of the Argos Users Conference on Data Collection and Location by Satellite.
N85-24348/3 17-*537,850* PC **A08**/MF **A01**

Data Collection and Platform Location by Satellite: Argos Users' Conference.
N85-24366/5 17-*537,851* PC **A09**/MF **A01**

Data Collection and Platform Location by Satellite: Argos Users' Conference.
N85-24391/3 17-*537,852* PC **A10**/MF **A01**

Data Collection and Platform Location by Satellite: Argos Users' Conference.
N85-24409/3 17-*537,853* PC **A14**/MF **A01**

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N85-24514/0 17-*537,789* PC **A08**/MF **A01**

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N85-24527/2 17-*538,068* PC **A04**/MF **A01**

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N85-24540/5 17-*537,149* PC **A03**/MF **A01**

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N85-24677/5 17-*537,152* PC **A03**/MF **A01**

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N85-24685/8 17-*537,159* PC **A03**/MF **A01**

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N85-24686/6 17-*537,160* PC **A06**/MF **A01**

Rapporto Preliminare Sui Risultati Delle Misure Idrologiche Eseguite Nel Tirreno Meridionale, Nello Stretto di Messina E Nello Ionio Occidentale (Preliminary Report on the Results of Hydrological Measurements in the Southern Tyrrhenian Sea, in the Messina Strait and in the Western Ionian Sea).
N85-24693/2 17-*537,856* PC **A04**/MF **A01**

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N85-24694/0 17-*537,421* PC **A11**/MF **A01**

Utilisation du Principe d'Isoenergie et de la Ponderation a pour l'Evaluation des Riegues Lesionnels Dus a l'Exposition aux Bruits dans UN Environnement Militaire (Application of the Isoenergy Principle and the Weighing to Evaluate Lesion Risks Due to Noise in a Military Environment).
N85-24720/3 17-*537,582* PC **A02**/MF **A01**

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N85-24812/8 17-*539,458* PC **A03**/MF **A01**

EDIPAS: A Multidiscipline and Integrated Facility for Management and Evaluation of Engineering Data.
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N85-24833/4 17-*537,953* PC **A10**/MF **A01**

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N85-24895/3 17-*538,337* PC **A05**/MF **A01**

Disproof of the Mertens Conjecture.
N85-24896/1 17-*538,338* PC **A02**/MF **A01**

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Some Historical and Other Notes About the Mertens Conjecture and Its Recent Disproof.
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Positive Vectors, Positive Matrices and the Specialization Ordering.
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Convexity Theorem for Semisimple Symmetric Spaces.
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Localisation des Sources de Bruit Equivalentes dans des Jets Froids Rapides, Excites, et Non Excites (Localization of Sources of Equivalent Noise in Fast Cold Jets, Excited and Nonexcited).
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Ralentissement de Particules Chargees Par les Electrons Lies d'UN Plasma (Slowing down of Charged Particles by the Bound Electrons in a Plasma).
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Retroreflective Armbands: Influences of Wearing Mode, Aging and Other Factors on the Visibility Distance.
N85-24942/3 17-*537,565* PC **A02**/MF **A01**

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N85-26676/5 19-*544,000* PC **A03**/MF **A01**

Qualification de la Balance de Paroi du Chariot 1 de Sima, Adaptee pour les Essais de 1/2 Maquettes Motorisees Par Turbines a Air Comprime (Tps) (Qualification of a Wall Gage for the Sima Wagon, Adapted to the Test of Half Models Motorized by Compressed Air Turbines).
N85-26677/3 19-*543,683* PC **A03**/MF **A01**

Etude de Synthese. Validation d'UN Generateur de Rafale en Presence d'Une Maquette en Soufflerie (Synthesis Study: Validation of a Gust Generator in the Presence of a Model in a Wind Tunnel).
N85-26678/1 19-*543,684* PC **A03**/MF **A01**

Etude Preliminaire en Soufflerie de l'Influence d'UN Jet sur l'Aerodynamique Instationnaire d'UN Reacteur (Preliminary Wind Tunnel Study of the Influence of a Jet on the Unsteady Aerodynamics of a Turbojet Engine).
N85-26679/9 19-*542,075* PC **A03**/MF **A01**

Conical Stagnation Points in the Flow around an External Corner.
N85-26680/7 19-*542,076* PC **A03**/MF **A01**

Computer Program for the Drag Prediction of Subsonic, Turbine Powered Aircraft in the en-Route Configuration.
N85-26681/5 19-*542,077* PC **A03**/MF **A01**

Curved Test Section for Research on Transonic Shock Wave-Boundary Layer Interaction.
N85-26682/3 19-*544,001* PC **A03**/MF **A01**

Numerical Solution of Transonic Normal Shock Wave-Boundary Layer Interaction Using the Bohning-Zierep Model.
N85-26683/1 19-*544,002* PC **A03**/MF **A01**

Foudroiement des Aeronefs. Exploitation Trip 82. Interferometrie Electromagnetique a 3 Dimensions (Lightning Strikes on Aircraft. The Trip 82 Experiment and 3-Dimensional Electromagnetic Interferometry).
N85-26690/6 19-*542,081* PC **A11**/MF **A01**

Protective Coatings for Aircraft Structures: A Review.
N85-26704/5 19-*542,101* PC **A06**/MF **A01**

Controle Non Destructif de Pieces en Ceramique pour Turbines Aeronautiques (Nondestructive Tests of Ceramic Components for Aircraft Turbines).
N85-26718/5 19-*543,162* PC **A05**/MF **A01**

Etude de la Zone Primaire des Foyers de Turbomachines (Study of the Primary Zone of Gas Turbine Hearths).
N85-26719/3 19-*544,330* PC **A03**/MF **A01**

Static Longitudinal Stability and Control Characteristics of the Fokker F27 Friendship Calculated by Simple Handbook Methods.
N85-26728/4 19-*542,102* PC **A06**/MF **A01**

Application of Linear Optimal Control Theory to the Design of the Elevator Control System of the DHC-2 Beaver Experimental Aircraft.
N85-26729/2 19-*542,103* PC **A06**/MF **A01**

Technical Evaluation Report on the Flight Mechanics Symposium on Active Control Systems: Review, Evaluation and Projections.
N85-26730/0 19-*542,111* PC **A02**/MF **A01**

Simulation de la Restitution Fine d'Une Orbite Basse. Analyse de Covariance de la Position-Vitesse Par Mesures Doppler et Accelerometriques (Simulation of a Low Orbit Restitution. Covariance Analysis of the Position-Velocity by Doppler and Accelerometer Measurements).
N85-26836/5 19-*544,470* PC **A07**/MF **A01**

Spectroscopic Studies of a Railgun Muzzle Flash.
N85-26837/3 19-*543,686* PC **A02**/MF **A01**

Doris: Prediction de la Mesure Doppler (Doris: Prediction in Doppler Measurement).
N85-26843/1 19-*544,471* PC **A05**/MF **A01**

Proposed Energy Systems for the Brazilian Data Collection Satellite.
N85-26856/3 19-*544,461* PC **A02**/MF **A01**

Solid Fuel Combustion Chamber.
N85-26918/1 19-*544,332* PC **A02**/MF **A01**

Solid Fuel Combustion Chamber.
N85-26919/9 19-*544,333* PC **A02**/MF **A01**

Solid Fuel Combustion Chamber Research in the Netherlands.
N85-26920/7 19-*544,334* PC **A03**/MF **A01**

Evaluation de la Resine Psp Comme Precurseur de Carbone (Evaluation of the PSP Resin as a Precursor of Carbon).
N85-26932/2 19-*543,191* PC **A03**/MF **A01**

Durability of Aramid Reinforced Aluminum Laminate (ARALL).
N85-26933/0 19-*543,192* PC **A02**/MF **A01**

Analytic Calculation of Premixed Flames.
N85-26954/6 19-*544,335* PC **A05**/MF **A01**

Effect of Low Sheet Thicknesses on the Fracture Toughness of an Al Alloy (7075-T6).
N85-26984/3 19-*543,225* PC **A02**/MF **A01**

Influence of Pretreatment, Environment and Strain Rate on Stress Corrosion Cracking of the Aluminum Alloy 7075-T6.
N85-26985/0 19-*543,226* PC **A03**/MF **A01**

Investigation of the Pitting Potential of Rapidly Solidified Aluminum-Lithium Alloys.
N85-26986/8 19-*543,227* PC **A02**/MF **A01**

Piezoelectric and Pyroelectric Polymers.
N85-27008/0 19-*542,813* PC **A03**/MF **A01**

Investigation of the Influence of Some Paint Systems and Water Displacing Corrosion Inhibitors on Anodic Undermining Corrosion of Aluminum 2024 Clad Alloy.
N85-27009/8 19-*543,228* PC **A03**/MF **A01**

Creation d'Ondes de Detonation de Forme et de Caracteristiques Temporelles Donnees (Generation of Detonation Waves of Given Spatial and Temporal Characteristics).
N85-27021/3 19-*543,963* PC **A03**/MF **A01**

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N85-27022/1 19-*543,771* PC **A04**/MF **A01**

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Influence de la Loi de Comportement dans la Deformation Par Explosif d'Assiettes Metalliques (Influence of Behavior Laws in the Explosive Deformation of Metal Plates).
N85-27032/0 19-*543,968* PC **A03**/MF **A01**

Radar Return from Vegetation Covered Terrain.
N85-27093/2 19-*543,791* PC **A02**/MF **A01**

Measurements of Two-Phase Exhaust Flow Parameters of a Small Caliber Gun Associated with Muzzle Flash Phenomena.
N85-27182/3 19-*544,007* PC **A02**/MF **A01**

Simulation Innenballistischer Stroemungen im Stosrohr (Simulation of Interior Ballistics Flows in a Shock Tube).
N85-27183/1 19-*544,008* PC **A03**/MF **A01**

Etude du Couplage Entre Champs Moyen, Coherent et Turbulent dans UN Jet, Libre Rond Excite (Study of the Coupling between Average, Coherent and Turbulent Fields in a Circular Excited Free Jet).
N85-27184/9 19-*544,009* PC **A12**/MF **A01**

Modele de Calcul des Ecoulements Libres Turbulents: Application au Jet Axisymetrique (Computation Model of Turbulent Free Flow: Application to Axisymmetric Jets).
N85-27185/6 19-*544,010* PC **A03**/MF **A01**

Experimental Investigations of Prismatic Cylinders in Flow with Harmonic Pulsations.
N85-27186/4 19-*544,011* PC **A06**/MF **A01**

Experimental Investigation of the Interaction Between a Shock Wave and a Turbulent Boundary Layer on a Convex Wall.
N85-27187/2 19-*544,012* PC **A03**/MF **A01**

Development of a Computational Model for a Two-Dimensional Turbulent Flow. Part 1. Mathematical Background.
N85-27188/0 19-*544,013* PC **A04**/MF **A01**

INPE's Line Imaging Camera: Preliminary Results.
N85-27194/8 19-*543,718* PC **A02**/MF **A01**

BRESEX Multispectral Camera: Preliminary Characteristics.
N85-27195/5 19-*543,719* PC **A02**/MF **A01**

Utilisation des Fibres Optiques en Holographie (The Utilization of Optical Fibers in Holography).
N85-27196/3 19-*544,037* PC **A03**/MF **A01**

Le Developpement du Velocimetre Laser Embarquable a l'Isl de 1976 a 1982 (The Development of Onboard Laser Velocimeter at the Saint Louis Institute (France) from 1976 to 1982).
N85-27216/9 19-*542,104* PC **A04**/MF **A01**

Etude d'Une Cuve a Colorant Prismatique (Study on a Prismatic Dye Vat).
N85-27217/7 19-*544,024* PC **A07**/MF **A01**

Methode d'Evaluation de l'Energie Residuelle d'UN Eclat Apres Perforation d'Une Cible Mince (A Method for the Evaluation of the Residual Energy of a Metallic Fragment after Perforation of a Thin Target).
N85-27233/4 19-*543,969* PC **A03**/MF **A01**

Guide pour la Realisation d'Essais de Fiabilite en Laboratoire (Guide for the Execution of Reliability Tests in the Laboratory).
N85-27237/5 19-*543,715* PC **A10**/MF **A01**

Etude de Caracterisation de la Technique de Liaison Par Connexions Enroulees Miniatures (Characterization of Solderless Miniwrapping Connections).
N85-27238/3 19-*543,606* PC **A05**/MF **A01**

Experimentally Determined Distribution of Stress around a Horizontally Loaded Model Pile in Dense Sand.
N85-27239/1 19-*543,657* PC **A02**/MF **A01**

Use of Marker Loads for Fatigue Crack Growth Measurements.
N85-27277/1 19-*543,230* PC **A04**/MF **A01**

Approximation to the Problem of a Pin-Loaded Hole in an Orthotropic Plate.
N85-27278/9 19-*544,273* PC **A03**/MF **A01**

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N85-27279/7 19-*543,582* PC **A02**/MF **A01**

Mechanical Jointing in Aramid Fiber Composites: An Experimental Study.
N85-27280/5 19-*543,583* PC **A02**/MF **A01**

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N85-27281/3 19-*544,274* PC **A03**/MF **A01**

Structural Stability and Bifurcation in Conical Flow Fields.
N85-27282/1 19-*544,014* PC **A04**/MF **A01**

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Noise Correction on Landsat Images Using a Spline-Like Algorithm.
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Estudo da Evolucao Urbana de Brasilia Atraves do Uso de Dados Landsat (Study of the Urban Evolution of Brasilia with the Use of Landsat Data).
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Sistematica de Interpretacao de Dados de Sensoriamento Remoto NA Recepcao de Hidrocarbonetos, Volume 2 (System of Interpretation of Remote Sensing Data when Hydrocarbons are Present. Volume 2).
N85-27326/6 19-*542,922* PC **A09**/MF **A01**

Desenvolvimento de Um Sistema Grafico: Um Exemplo No Tracado de Cartas Sinoticas (Development of a Graphic System: Example Using the Outline of Synoptic Charts).
N85-27327/4 19-*542,258* PC **A02**/MF **A01**

SELPER No Brasil (SELPER (Latin American Society of Remote Sensory Specialists)).
N85-27328/2 19-*544,462* PC **A02**/MF **A01**

O Emprego de Sensoriamento Remoto No Brasil (Function of Remote Sensing in Brazil).
N85-27329/0 19-*542,923* PC **A02**/MF **A01**

Simbiose Entre Pos-Graduacao E Projetos de Pesquisa: Uma Experiencia Bem Sucedida (Symbiosis between Postgraduate Training and Research Projects: A Successful Experience).
N85-27330/8 19-*543,043* PC **A02**/MF **A01**

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N85-27331/6 19-*542,886* PC **A02**/MF **A01**

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N85-27332/4 19-*544,430* PC **A03**/MF **A01**

Data Collection and Platform Location by Satellite: ARGOS Users' Conference.
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N85-27430/6 19-*542,233* PC **A03**/MF **A01**

Radon Concentration Inversion in the Troposphere: Still Unexplained.
N85-27431/4 19-*542,234* PC **A02**/MF **A01**

Electric Field and Energy Transfer by Magnetopause Reconnection.
N85-27432/2 19-*542,235* PC **A02**/MF **A01**

Equatorial F-Region Irregularity Latitudinal Extension and Dynamo Electric Field.
N85-27433/0 19-*542,236* PC **A02**/MF **A01**

Dependence of Equatorial F-Region Plasma Bubble Rise Velocity and Dynamo Electric Field on Solar Cycle.
N85-27434/8 19-*542,237* PC **A02**/MF **A01**

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Theory and Modeling of the Interaction between Subgrid Scale Orography and Large Scale Flow.
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N85-27441/3 19-*542,263* PC **A03**/MF **A01**

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N85-27473/6 19-*542,149* PC **A03**/MF **A01**

Sistema Grafico Para O Tracado de Cartas Sinoticas Por Computado (A Graphic System for Drawing Synoptic Maps by Computer).
N85-27474/4 19-*542,272* PC **A02**/MF **A01**

SINOGRAFO: Um Pacote Para O Auxilio a Previsao de Tempo (SINOGRAFO: A System for Influencing and Forecasting Weather).
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Drought in Northeast Brazil 1983.
N85-27476/9 19-*542,274* PC **A02**/MF **A01**

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Feasibility Study on Laser Doppler Anemometer (LDA) Wind Velocity Measurements Using Pulsed Visible Laser Light.
N85-27489/2 19-*542,277* PC **A02**/MF **A01**

Automatic Traversing System for Laser Doppler Anemometer (LDA) Applications to Wind Tunnels and to Free Jets.
N85-27490/0 19-*543,688* PC **A02**/MF **A01**

Comparison of a Diffusion Model with Dye Dispersion Measurements to Study Turbulence in Coastal Waters.
N85-27504/8 19-*542,888* PC **A03**/MF **A01**

Sistema Diagnostico (Diagnostic System).
N85-27519/6 19-*542,597* PC **A02**/MF **A01**

Etude Statistique des Cotations de Charges de Travail de l'Analyse Dynamique de la Campagne de Certification de l'A310 (Statistical Study of the Dynamic Analysis of the Workload in the A310 Certification Campaign).
N85-27531/1 19-*542,466* PC **A10**/MF **A01**

Utilizacao Do Reduce 2 Para Programacao Simbolica (Use of REDUCE 2 for Symbolic Programming).
N85-27544/4 19-*543,046* PC **A02**/MF **A01**

Estudo Comparativo DA Analise Digital de Areas de Solo Preparado Para Plantio Utilizando Diferentes Algoritmos de Classificacao (Comparative Study of the Digital Analysis of Areas of the Earth's Surface Prepared for Planting Using Different Classification Algorithms).
N85-27545/1 19-*543,047* PC **A02**/MF **A01**

Solving the Minimal Least Squares Problem Subject to Bounds on the Variables.
N85-27580/8 19-*543,269* PC **A03**/MF **A01**

Stability of Functionals Determined by Moment Conditions.
N85-27585/7 19-*543,270* PC **A02**/MF **A01**

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N85-27586/5 19-*543,271* PC **A02**/MF **A01**

H-Sets, Convex Programming and Constrained Approximation.
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N85-27591/5 19-*543,051* PC **A02**/MF **A01**

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Mesures de Pression Acoustique Intracochleaire Chez le Cobaye (Measurement of Cochlear Acoustic Pressure in Guinea Pigs).
N85-27644/2 19-*542,750* PC **A03**/MF **A01**

Contribution a l'Etude de la Localisation des Sources de Bruit Equivalentes dans des Jets Froids Rapides (Contribution to the Study of Equivalent Noise Source Identification in Fast Cold Jets).
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Analyse des Structures Ordonnees dans les Jets et Relation Avec le Bruit Emis (Analyses of Orderly Structures in Jets and the Relationship with Emitted Noise).
N85-27646/7 19-*543,978* PC **A03**/MF **A01**

Prediction of Free-Field Noise Levels from Aircraft Flyover Measurements.
N85-27647/5 19-*543,979* PC **A03**/MF **A01**

Um Analisador Portatil de Pulsos Para Geofisica Nuclear Usando O Microcomputador DA Linha Sinclair-TK (A Portable Pulse Analyzer for Nuclear Geophysics Using a Sinclair-TK Microcomputer).
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Poloidal Rotation of Magnetic Fluctuations in Reversed Field Pinch Plasma.
N85-27677/2 **19**-*544,232* PC **A02**/MF **A01**

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High Energy Particle Acceleration by Coherent Electromagnetic Waves Propagating Across the Magnetic Field.
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N85-27701/0 **19**-*544,300* PC **A02**/MF **A01**

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N85-27703/6 **19**-*543,983* PC **A02**/MF **A01**

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N85-27717/6 **19**-*544,039* PC **A05**/MF **A01**

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N85-27718/4 **19**-*543,587* PC **A05**/MF **A01**

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N85-27770/5 **19**-*543,494* PC **A02**/MF **A01**

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N85-27775/4 **19**-*542,203* PC **A03**/MF **A01**

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N85-27776/2 **19**-*543,689* PC **A02**/MF **A01**

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N85-27777/0 **19**-*542,204* PC **A02**/MF **A01**

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N85-27778/8 **19**-*542,205* PC **A02**/MF **A01**

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N85-27814/1 **19**-*543,140* PC **A03**/MF **A01**

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N85-27815/8 **19**-*542,213* PC **A03**/MF **A01**

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N85-27816/6 **19**-*542,214* PC **A02**/MF **A01**

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N85-27821/6 **20**-*544,628* PC **A03**/MF **A01**

Some Effects of Sweep Direction and Strakes for Wings with Sharp Leading Edges.
N85-27826/5 **20**-*544,477* PC **A03**/MF **A01**

Effect of Wing Taper and Sweep Direction on Leading Edge Transition.
N85-27827/3 **20**-*544,478* PC **A02**/MF **A01**

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N85-27829/9 **20**-*544,480* PC **A03**/MF **A01**

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N85-27830/7 **20**-*544,481* PC **A04**/MF **A01**

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N85-27833/1 **20**-*544,482* PC **A04**/MF **A01**

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N85-27834/9 **20**-*544,483* PC **A02**/MF **A01**

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N85-27835/6 **20**-*545,968* PC **A03**/MF **A01**

Aerodynamic Research in Preparation for a New Dutch Transport Aircraft with Supercritical Wings.
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N85-28977/5 **21**-*548,125* PC **A02**/MF **A01**

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N85-29000/5 **21**-*548,158* PC **A02**/MF **A01**

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N85-29576/4 **21**-*547,695* PC **A02**/MF **A01**

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N85-29659/8 **21**-*549,135* PC **A02**/MF **A01**

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N85-31050/6 23-*551,922* PC **A02**/MF **A01**

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N85-31051/4 23-*552,312* PC **A02**/MF **A01**

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N85-31052/2 23-*553,582* PC **A03**/MF **A01**

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N85-31053/0 23-*551,923* PC **A08**/MF **A01**

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N85-31062/1 23-*554,509* PC **A04**/MF **A01**

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N85-31075/3 23-*554,521* PC **A02**/MF **A01**

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N85-31085/2 23-*553,806* PC **A05**/MF **A01**

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N85-31221/3 **23**-*552,015* PC **A02**/MF **A01**

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N85-31223/9 **23**-*554,538* PC **A04**/MF **A01**

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N85-31290/8 **23**-*553,165* PC **A05**/MF **A01**

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N85-31328/6 **23**-*552,069* PC **A02**/MF **A01**

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N85-31354/2 **23**-*553,770* PC **A09**/MF **A01**

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N85-31355/9 **23**-*553,771* PC **A06**/MF **A01**

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N85-33451/4 **26**-*561,700* PC **A03**/MF

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PB85-152601 09-*519,672* PC **E04**/MF **E01**

Zinc-Coated Concrete Reinforcement,
PB85-152924 09-*519,706* PC **E05**/MF **E01**

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PB85-153104 10-*522,453* PC **A99**/MF **E03**

Criteres d'Instabilite pour la Determination des Caracteristiques de Fragmentation d'un Jet de Charge Creuse (Instability Criteria for a Determination of Fragmentation Properties in a Hollow-Charge Jet) (Unbestaendigkeitkriterien zur Bestimmung der Zersplitterungseigenschaften eines Hohlladungsstrahls),
PB85-153112 10-*522,901* PC **E04**/MF **E01**

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PB85-153187 10-*521,113* PC **E05**/MF **E05**

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PB85-153195 09-*518,478* PC **E06**/MF **E06**

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PB85-153203 10-*521,139* PC **E06**/MF **E06**

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PB85-153211 09-*518,479* PC **E06**/MF **E06**

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PB85-153229 09-*518,480* PC **E05**/MF **E05**

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PB85-153237 10-*521,114* PC **E12**/MF **E12**

De Nederlandse Electriciteitsvoorziening: Wegen voor de Toekomst (The Netherlands' Electricity Supply: Road Map for the Future),
PB85-153466 09-*519,320* PC **E06**/MF **E01**

Parking Standards.
PB85-153732 **09**-*519,681* PC **E04**/MF **E01**

Effect of a Change in Land Use on Traffic Volumes.
PB85-153740 **09**-*519,682* PC **E05**/MF **E01**

Waterwaliteitsbeoordeling van Enkele Zeeuwse Watergangen op grond van hun Macrofaunasamenstelling (Evaluation of Water Quality of a Few Zealand Waterways Based on their Macrofauna Population),
PB85-153807 **09**-*518,616* PC **E04**/MF **E01**

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PB85-153963 **09**-*518,481* PC **E12**/MF **E12**

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PB85-153989 **09**-*518,482* PC **E11**/MF **E11**

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PB85-153997 **09**-*518,483* PC **E09**/MF **E09**

Physikalische Grenzen fuer IR-Sichigeraete (Physical Boundaries for IR Video Receivers),
PB85-154003 **10**-*522,979* PC **E04**/MF **E01**

Possibilites Comparees au Cuivre de l'Emploi du Tantale Comme Materiau de Revetement de Charge Creuse (Possibility of Using Tantalum as a Material for Hollow-Charge Lining Compared to Copper) (Moeglichkeit der Anwendung von Tantal als Material der Hohlladungsverkleidung im Vergleich zu Kupfer),
PB85-154011 **10**-*522,902* PC **E04**/MF **E01**

Calcul des Caracteristiques de Fragmentation d'un Jet de Charge Creuse. Cas Particulier de Jets en Cuivre pour Differents Calibres et Comparaison avec des Resultats Experimentaux (Calculation of Fragmentation Properties of a Hollow-Charge Jet. Special Case of Copper Jets for Different Calibers and Comparison with Experimental Results) (Berechnung der Zersplitterungseigenschaften eines Hohlladungsstrahls. Besonderer Fall mit Kupferstrahlen von Verschiedenen Kalibern und Vergleich mit Experimentellen Ergebnissen),
PB85-154029 **10**-*522,903* PC **E04**/MF **E01**

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PB85-154037 **10**-*522,390* PC **E04**/MF **E01**

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PB85-154169 **09**-*518,484* PC **E06**/MF **E06**

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PB85-154177 **09**-*518,384* PC **E04**/MF **E04**

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PB85-154185 **09**-*518,485* PC **E04**/MF **E04**

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PB85-154193 **09**-*518,486* PC **E05**/MF **E05**

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PB85-154227 **09**-*519,686* PC **E16**/MF **E01**

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PB85-154235 **09**-*519,687* PC **E14**/MF **E01**

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PB85-154243 **09**-*519,688* PC **E16**/MF **E01**

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PB85-154250 **09**-*519,689* PC **E16**/MF **E01**

Quantized Vortices in Rotating Superfluid (3)He,
PB85-154268 **09**-*520,751* PC **E03**/MF **E01**

Experiments on Rotating Superfluid (3)He,
PB85-154276 **12**-*528,099* PC **E03**/MF **E01**

Thermal Radiation Hazards from LPG-Fireballs,
PB85-154284 **10**-*523,173* PC **E04**/MF **E01**

Symposium on Desalination: New Developments and Industrial Applications Held at Pretoria, South Africa on October 27, 1983.
PB85-154334 **09**-*518,816* PC **E08**/MF **E01**

Technical Reports of Japan Marine Science and Technology Center, No. 13, August 1984.
PB85-154433 **09**-*519,749* PC **E08**/MF **E01**

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PB85-154524 **11**-*523,611* PC **E17**/MF **E01**

De Invloed van de Getijdereductie in het Markizaat van Bergen op Zoom op de Bodemdierengemeenschap van het Intergetijdengebied (The Effects of the Decline of the Tides in the Marquisate of Bergen op Zoom on the Bottom Fauna Community of the Tide Lands),
PB85-154532 **09**-*518,965* PC **E03**/MF **E01**

Selected Papers from the Annual Meeting of the British Association for the Advancement of Science Held at Norwich, England on September 10-14, 1984. Section G.
PB85-154599 **09**-*518,487* PC **E09**/MF **E09**

Observations des Microstructures du Cuivre en Rupture Ductile et apres Recristallisation a 600 deg C, ainsi que du Residu d'un Jet de Charge Creuse Entre Deux Blocs d'une Cible (Observation of Microstructures of Copper in Ductile Fracture and after Recrystallization at 600 deg C, as well as of the Residue of a Hollow-Charge Jet between Two Blocks of a Target) (Untersuchungen zu den Mikrogefuegen von Kupfer bei Zaehbruch und nach Rekristallisation bei 600 deg C, und des Bodensatzes eines Hohlladungsstrahls Zwischen Zwei Bloecken eines Ziels),
PB85-154623 **10**-*521,922* PC **E03**/MF **E01**

Health Planning in Africa: State of the Art Analysis,
PB85-154797 **10**-*521,531* PC **A06**/MF **A01**

Mini-Seminar on Non-Destructive Testing, October 1983.
PB85-154870 **10**-*522,391* PC **E06**/MF **E01**

Dispersions und Laufzeitmessungen mit psec Pulsen in Glasfasern fuer den Wellenlaengenbereich 0.7 - 1.6 micrometers (Dispersion and Transit Time Measurements with Psec Pulses in Glass Fibers for Wave Length Range 0.7 - 1.6 micrometers),
PB85-155026 **10**-*522,971* PC **E03**/MF **E01**

Verdichtung von Natuerlichem Boden durch Fahrzeuge (Compression of Natural Soil by Vehicles),
PB85-155034 **10**-*521,902* PC **E04**/MF **E01**

Code de Bonne Pratique pour la Realisation d'une Fondation Routiere en Beton Pouzzolanique a Base de Cendres Volantes de Fraiche Production (Good Practice Code for the Implementation of a Road Foundation of Pozzolana Cement on a Loose-Ash Base of Fresh Production).
PB85-155059 **10**-*522,343* PC **E05**/MF **E05**

Code de bonne Pratique pour la Fabrication et la Mise en Oeuvre de Melanges Cendres Volantes-Chaux en Construction Routiere (Recommendations Dealing with Flying Ash-Lime Mixtures for the Evaluation of Freshly Produced Flying Ashes, in Different Applications of Road Construction).
PB85-155067 **10**-*522,344* PC **E05**/MF **E05**

Selected Papers from the Annual Meeting of the British Association for the Advancement of Science Held at Norwich, England on September 10-14, 1984. Section V.
PB85-155091 **09**-*518,817* PC **E08**/MF **E08**

Design of Laterally-Loaded Piles,
PB85-155240 **10**-*522,455* PC**$60.00**/MF**$60.00**

Design of Retaining Walls Embedded in Stiff Clay,
PB85-155257 **10**-*522,456* PC**$90.00**/MF**$90.00**

Design of Shear Wall Buildings,
PB85-155265 **10**-*522,457* PC**$60.00**/MF**$60.00**

Client's Guide to Management Contracts in Building,
PB85-155273 **10**-*521,119* PC**$7.00**/MF**$7.00**

Design of Profiled Sheeting as Permanent Formwork.
PB85-155281 **10**-*522,345* PC**$24.00**/MF**$24.00**

Experimental Behaviour of Rock-Cutting Discs.
PB85-155299 **10**-*522,346* PC**$24.00**/MF**$24.00**

Dynamical Modelling and Simulation of a Robot Manipulator Arm,
PB85-155505 **10**-*522,404* PC **E04**/MF **E04**

Identifying Sampled Data Systems Using Difference Operator Models,
PB85-155513 **10**-*522,210* PC **E04**/MF **E04**

Model Order Determination and Parameter Identification of a Linear Model of a Robot Manipulator Arm,
PB85-155521 **10**-*522,405* PC **E04**/MF **E04**

Suboptimal Feedback Control for Perturbed Discrete Bilinear Systems,
PB85-155539 **10**-*522,211* PC **E04**/MF **E04**

Self-Tuning Instrument Based on a Personal Computer,
PB85-155547 **10**-*521,976* PC **E05**/MF **E05**

Reduced Variance Pole Assignment Self-Tuning Controllers,
PB85-155554 **10**-*522,212* PC **E04**/MF **E04**

Expert Identification and Control,
PB85-155562 **10**-*521,977* PC **E03**/MF **E03**

Self-Tuning Filters and Predictors for Two-Dimensional Systems. 1. Algorithms,
PB85-155570 **10**-*521,995* PC **E04**/MF **E04**

Self-Tuning Filters and Predictors for Two-Dimensional Systems. 3. Prediction Applications,
PB85-155588 **10**-*521,996* PC **E04**/MF **E04**

Self-Tuning Filters and Predictors for Two-Dimensional Systems. 2. Smoothing Applications,
PB85-155596 **10**-*521,997* PC **E04**/MF **E04**

Design of Delayed Control Systems Using Zakian's Framework,
PB85-155604 **10**-*521,660* PC **E04**/MF **E04**

Confidence Regions for Identified Transfer Functions of Unknown Order,
PB85-155612 **10**-*522,213* PC **E04**/MF **E04**

Unilateral Approach to the Analysis of Rectangular Cavity with Capacitive Tuning Post,
PB85-155711 **10**-*521,923* PC **E03**/MF **E03**

Power Factor Improvement of Thyristor Controlled Inductive Load Using a Fixed Filter-Thyristor Controlled Reactor (FF-TCR) Compensator.
PB85-155729 **10**-*522,015* PC **E04**/MF **E04**

Preheat Prediction Models (Revised),
PB85-155737 **10**-*522,243* PC **E04**

Decomposition-Coordination Techniques for Paral
lation. Part 2. Simulation of Gas Flow in a Pipelin
PB85-155745 **10**-*522,214* PC **E0**

Decomposition-Coordination Techniques for Paral
lation. Part 1,
PB85-155752 **10**-*522,215* PC **E0**

Confidence Limits on Identified Pole Positions a
Loci,
PB85-155760 **10**-*522,216* PC **E0**

Confidence Limits on Identified Frequency Respon
PB85-155778 **10**-*522,217* PC **E0**

Mark-Opt - A Negotiating Tool for Manufacturers
tailers,
PB85-155786 **10**-*521,177* PC **E0**

Performance of NPDN (Nordic Public Data Netwo
lators for the Circuit Switched Part of NPDN,
PB85-155919 **10**-*522,575* PC **E0**

Identification of Two Dimensional Data Models,
PB85-155992 **10**-*521,998* PC **E0**

Elimination of the Outside Influence in the Predict
timum Start Control,
PB85-156008 **10**-*522,244* PC **E0**

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rials and Components (3rd) Held at Espoo, F
August 12-15, 1984. Volume 4 (Troisieme Collo
national sur la Durabilite des Materiaux et des
de Construction. Volume 4),
PB85-156024 **10**-*522,347* PC **E1**

EMP-Injicering pa Kabelgenomfoering Typ E
Memo nr 10 (EMP Injection on Conduit Ent
ERA. EMP Memo No. 10),
PB85-156057 **10**-*521,989* PC **E0**

Programmed Automatic Measurement of Noise
Insertion Gain. Part 1. Conception and Applicat
PB85-156206 **10**-*522,576* PC **E0**

Digitally Phase Modulated (DPM) Signals,
PB85-156214 **10**-*522,577* PC **E0**

El Manejo Integrado de Plagas Invertebradas e
Agronomicos, Horticolas y Frutales (Integrate
ment of Invertebrate Pests Agronomic, Hortic
Fruit Cultivation),
PB85-156255 **10**-*521,563* PC **A0**

Design of Robust Control Systems for Plants wit
PB85-156362 **10**-*522,218* PC **E0**

Detection and Location of Leaks in Gas Pipeline
PB85-156370 **10**-*522,307* PC **E**

Framework for Design: Theory of Majorants,
PB85-156388 **10**-*522,219* PC **E**

Model Order Determination for State Space Cor
Methods,
PB85-156396 **10**-*522,220* PC **E**

Martingale Methods in Stability Analysis,
PB85-156404 **10**-*522,221* PC **E**

Etude des Proprietes Spectrales des Gaz Chaud
the Spectral Properties of Hot Gases),
PB85-156461 **10**-*521,743* PC **E**

Transferts d'Excitations Optiques dans les Sol
(Transfer of Optical Excitations in Doped Soli
PB85-156479 **10**-*522,980* PC **E**

Analyse de l'Ecoulement Delivre par le
Compresseur Centrifuge (Analysis of Flow D
the Pulley of a Centrifugal Compressor),
PB85-156487 **10**-*522,950* PC **E**

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sociation for the Advancement of Science H
wich, England on September 10-14, 1984. Se
PB85-156511 **09**-*518,488* PC

Importance of Disease Problems of Marine Fish
PB85-156545 **10**-*521,430* PC

Manufacture of Deliberate Welding Defects f
search,
PB85-156552 **10**-*522,508* PC

Calcul des Ecoulements Internes Decolles et
tion Choc-Couche Limite pour Couplage Vi
Visqueux (Calculation of Seperated Internal
the Interaction Shock-Boundary Layer for V
Viscous Coupling),
PB85-156586 **10**-*522,951* PC

Sea-Level in the World Ocean. Part 1: The N
lantic Ocean. A Catalogue of Measurements.
PB85-156594 **10**-*521,821* PC

Papers Presented at the Workshop on Comp
als. Symposium on Fundamental Industrial
for the Next Generations (2nd), November 1
PB85-156628 **10**-*522,104* PC

Caracteristiques de l'Ecoulement Instationna
Entrees d'Air (Unstable Flow Characteristics
PB85-156891 **10**-*522,952* PC

Modelisation d'Ecoulements des Foyers de T
(Model Representation of Flows in Turbo
lers),
PB85-156909 **10**-*522,953* PC

Avion de Recherches Atmospheriques (Atmospheric Research Plane),
PB85-156925 10-*521,097* PC **E08**/MF **E08**

Calcul des Jets Confines dans les Conduits Cylindriques ou Divergents (Calculation of Confined Jets in Cylindrical or Divergent Ducts),
PB85-156933 10-*522,954* PC **E04**/MF **E04**

Theory, Design and Opnration of Nutrient Removal Activated Sludge Processes.
PB85-156941 10-*522,314* PC **E10**/MF **E01**

Luftstoetvagsbelastade Sandwichvaeggelement (Blast Loading of Sandwich-Wall Panels),
PB85-157097 10-*522,907* PC **E04**/MF **E01**

Correlations between Selection Ratings and Success as Army Aviators (Korrelationer Mellan Skattning vid Uttagning och Framgang som Armeflygfoerare),
PB85-157105 10-*521,314* PC **E04**/MF **E01**

Comparaison de Differentes Methodes de Singularites pour le Calcul des Ecoulements Internes en Tridimensionnel (Comparison of the Different Singularity Methods for Calculation of Internal Three Dimensional Flows),
PB85-157147 10-*520,949* PC **E04**/MF **E04**

Modelisation des Ecoulements Turbulents en Fluides Compressibles. Aspects Metrologiques (Model Representation of Turbulent Flow in Compressible Fluids. Metrologic Aspects).
PB85-157162 10-*522,955* PC **E07**/MF **E07**

Quarzstabilisierter Treiber fuer die Braggzellen IM 20, der Firma SORO, mit in 100-kHz-Schritten Einstellbarer Differenzfrequenz (Quartz-Stabilized Driver for Bragg Cells IM 20 from the SORO Company, with Differential Frequency Adjustable in 100-kHz Steps)
PB85-157170 10-*522,509* PC **E03**/MF **E03**

Mechanismus, Triggermethoden und Anwendungen der Pseudofunkenentladung (Mechanism, Trigger Methods and Applications of Pseudospark Discharge) (Fonctionnement, Methodes de Declenchement et Applications des Eclateurs a Pseudo-Decharge),
PB85-157188 10-*522,934* PC **E03**/MF **E03**

Kalibrering pa Primaerniva (Calibration Measurement of Temperature at the Highest Level).
PB85-157196 10-*522,510* PC **E04**/MF **E01**

Salt-Frost Resistance of Concrete. A Comparison of Three Test Methods.
PB85-157204 10-*522,349* PC **E04**/MF **E01**

Methode Experimentale d'Etude des Ecoulements de Coin (Experimental Method of Studying Corner Flow).
PB85-157212 10-*522,956* PC **E04**/MF **E04**

Aspects Specifiques des Ecoulements dans les Cylindres de Moteurs Alternatifs (Specific Aspects of Flow in the Cylinders of Reciprocating Engines),
PB85-157220 10-*522,957* PC **E04**/MF **E04**

Etude de l'Ecoulement dans un Faisceau 19 Aiguilles Modelisant un Assemblage du Coeur d'un Reacteur a Neutrons Rapides (Study of Flow in a 19-Pin Beam, Representing Assembly of a Reactor Core with Fast Neutrons),
PB85-157238 10-*522,839* PC **E04**/MF **E04**

Predictions of Permanent Deformation of Impulsively Loaded Simply Supported Square Tube Steel Beams.
PB85-157246 10-*522,458* PC **E04**/MF **E01**

Laboratory Manual for the Determination of Inorganic Chemical Contaminants and Nutrients in Sewage Sludges,
PB85-157253 10-*521,745* PC **E04**/MF **E01**

Sea-Level in the World Ocean. Part 4: The Mediterranean Sea. A Catalogue of Measurements,
PB85-157261 10-*521,822* PC **E06**/MF **E01**

Upper Limits on the Production Rate of the Decuplet Baryons Delta and Sigma(sup*) in e(+)e(-) Annihilatio n at 34.4 GeV.
PB85-157279 10-*523,034* PC **E03**/MF **E03**

Production and Decay of Tau Leptons in e(+)e(-) Annihilation at Petra Energies.
PB85-157287 10-*523,035* PC **E03**/MF **E03**

Systematics of Nuclear RMS (Root-Mean-Square) Charge Radii,
PB85-157295 10-*523,036* PC **E04**/MF **E04**

Phenomenological Neutron Optical Potential: Fine Structure Aspects,
PB85-157303 10-*523,037* PC **E03**/MF **E03**

Slaeckmedel och Slaeckverkan Kunskapslaege och Forskningsbehov (Fire Extinguishing Media and Fire Suppression).
PB85-157311 10-*522,444* PC **E07**/MF **E01**

Damage Constitutive Model for Geotechnical Applications.
PB85-157329 10-*522,459* PC **E04**/MF **E01**

Review of Development and Application of Heat Pump Technology,
PB85-157337 10-*522,245* PC **E04**/MF **E01**

Planeur NIMBUS 3-24,5. Resultats d'Epreuves Restreintes de Certification pour Import en Categorie U (NIMBUS Glider 3-24,5. Results of Limited Certification Test for Category U Importation).
PB85-157345 10-*520,971* PC **E04**/MF **E04**

Algorithms for Computation of Ground-Wave Field Strength.
PB85-157477 10-*523,124* PC **E03**/MF **E03**

Alimentazione dei Motori Diesel per Autotrazione con Emulsione Gasolio/Acqua (Gas-Oil/Water Emulsion Fuel for Automotive Diesel Engines).
PB85-157485 10-*523,174* PC **E08**/MF **E08**

European Seminar on the Risks from Tritium Exposure,
PB85-157493 10-*522,739* PC **E13**/MF **E13**

CEC (Commission of the European Communities) Modelling Group for Solar Heating Systems and Domestic Hot Water II,
PB85-157501 10-*522,246* PC **E08**/MF **E08**

Study on Vanadium in Workers from Oil Fired Power Plants.
PB85-157519 10-*521,579* PC **E03**/MF **E03**

Meteorological and Performance Measurements on a 55 KW Vestas and a 30 KW Sonebjerg Wind Turbine EC Wind Energy Programme, Action 5,
PB85-157527 10-*522,064* PC **E05**/MF **E05**

Certification of Polycyclic Aromatic Compounds, Part 5: BCR (Community Bureau of Reference) Reference Materials, Nos. 153, 154, 155, 156, 157, 158, 159, 160, 161, and 177,
PB85-157535 10-*521,746* PC **E04**/MF **E04**

Optimization of the Advanced Alkaline Water Electrolysis,
PB85-157543 10-*521,747* PC **E03**/MF **E03**

ENTEX VIII - Experience de Plongee Fictive Profonde a 46 ATA (450 m) avec 12 Jours de Sejour au Fond et Travail en Position Immergee (ENTEX VIII - Experimental Simulated Dives at 46 ATA (450 meters) with a 12 Day Stay at Bottom and with Muscular Exercise in Water Conditions).
PB85-157665 10-*521,645* PC **E15**/MF **E15**

Laser d Cathode Creuse en Cuivre (Laser with Hollow Copper Cathode),
PB85-157873 10-*522,972* PC **E03**/MF **E03**

Simulations Numeriques d'Ecoulements Fluides Visqueux dans les Entrees d'Air a Grande Incidence (Numerical Simulations of Viscous Fluid Flows in Air Inlets at High Incidence),
PB85-157881 10-*522,958* PC **E04**/MF **E04**

Formation du Flux Secondaire dans le Tube de Lancement d'un Propulseur a Poudre Sous-Calibre (Formation of Secondary Flow in the Launching Tube of a Low Caliber Weapon with Automatic Propulsion) (Bildung des Sekundaerstromes im Abschussrohr eines Unterkaliber-Geschosses mit Eigenantrieb),
PB85-157956 10-*522,911* PC **E03**/MF **E03**

Mesure des Vitesses et des Grandeurs Turbulentes dans un Jet Libre Non Excite (Measurement of Velocities and Turbulence Values in a Non-Excited Free Jet) (Messung von Geschwindigkeiten und Turbulenzgroessen in einem Nichtangeregten Freistrahl),
PB85-157964 10-*522,959* PC **E04**/MF **E04**

Etude de la Validite du Critere de Spectre de Reponse au Choc (Study of the Validity of the Response-to-Shock Spectrum Criterion),
PB85-158020 10-*523,088* PC **E11**/MF **E11**

Entomophagous Insects and Biotechnologies against Olive Pests. Proceedings of the E.C. Experts Meeting 'Entomophages and Biological Methods in Integrated Control in Olive Orchards' Held at Chania, Greece, on March 11-12, 1982,
PB85-158038 10-*521,565* PC **E07**/MF **E07**

Reseaux d'Automates Booleens (Boolean Automaton Networks).
PB85-158889 10-*521,447* PC **E03**/MF **E03**

Guide to Packaged Dehumidifiers,
PB85-158897 10-*522,247* PC **E10**/MF **E10**

Lampedusa Multi-Stage-Flash Desalination Plant Adopting Solar Energy as Primary Energy Source (Impianto di Dissalazione con Distillazione a Stadi Multipli ad Energia Solare Come Fonte Primaria di Energia a Lampedusa).
PB85-158947 10-*522,327* PC **E07**/MF **E07**

Environmental Monitoring: European Interlaboratory Test Programme for Integrating Dosimeter Systems, Radiological Protection, Number 29.
PB85-158954 10-*522,511* PC **E07**/MF **E07**

Production of Selective Optical Coatings on Plastic Sheet.
PB85-158962 10-*522,248* PC **E05**/MF **E05**

Irish Solar Pilot Test Facility: First Operational Phase,
PB85-158970 10-*522,512* PC **E08**/MF **E08**

Non-Ionizing Radiation Dosimetry,
PB85-158988 10-*521,636* PC **E03**/MF **E03**

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N85-28697/9 **20**-*545,585* PC **A02**/MF **A01**

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PB85-170553 **13**-*530,310* PC **E03**/MF **E01**

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N85-14092/9 **08**-*517,773* PC **A04**/MF **A01**

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N85-17339/1 **11**-*525,652* PC **A12**/MF **A01**

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AD-A148 277/7 **05**-*512,428* PC **A06**/MF **A01**

Two-Stage Free Electron Laser Research.
AD-A148 951/7 **07**-*515,543* PC **A03**/MF **A01**

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AD-A149 052/3 **07**-*515,545* PC **A03**/MF **A01**

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AD-A150 588/2 **10**-*522,966* PC **A02**/MF **A01**

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AD-A151 726/7 **13**-*530,332* PC **A02**/MF **A01**

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AD-A151 742/4 **13**-*530,334* PC **A03**/MF **A01**

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AD-A151 760/6 **13**-*530,335* PC **A02**/MF **A01**

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AD-A152 917/1 **15**-*534,767* PC **A04**/MF **A01**

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AD-A154 404/8 **17**-*539,319* PC **A03**/MF **A01**

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AD-A156 898/9 **22**-*551,305* PC **A05**/MF **A01**

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AD-A158 229/5 **24**-*556,660* PC **A07**/MF **A01**

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DE85000862 **06**-*514,088* PC **A02**/MF **A01**

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DE85007621 **13**-*530,370* PC **A03**/MF **A01**

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DE85007678 **13**-*530,341* PC **A02**/MF **A01**

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DE85008455 **15**-*534,812* PC **A02**/MF **A01**

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DE85009548 **17**-*539,322* PC **A02**/MF **A01**

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DE85010787 **18**-*541,693* PC **A02**/MF **A01**

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DE85012666 **22**-*551,308* PC **A02**/MF **A01**

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DE85015668 **26**-*561,706* PC **A02**/MF **A01**

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DE85016563 **26**-*561,707* PC **A02**/MF **A01**

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DE85017557 **26**-*561,709* PC **A02**/MF **A01**

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DE85751215 **25**-*559,425* PC **A12**/MF **A01**

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N85-29281/1 **21**-*549,035* PC **A02**/MF **A01**

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PAT-APPL-6-575 425 **02**-*504,887* PC **A02**/MF **A01**

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PATENT-4 496 917 **11**-*524,879* Not available NTIS

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DE85700292 **17**-*537,659* PC **A02**/MF **A01**

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PB85-102713 **01**-*501,506* Not available NTIS

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PB85-205631 **19**-*542,827* Not available NTIS

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PB85-156610 **10**-*521,183* PC **A05**/MF **A01**

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N85-10012/1 **03**-*505,280* PC **A03**/MF **A01**

Preliminary Results of a Study of the Relationship Between Free Stream Turbulence and Stagnation Region Heat Transfer.
N85-11317/3 **04**-*510,202* PC **A02**/MF **A01**

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N85-27184/9 **19**-*544,009* PC **A12**/MF **A01**

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N85-27185/6 **19**-*544,010* PC **A03**/MF **A01**

Analyse des Structures Ordonnees dans les Jets et Relation Avec le Bruit Emis (Analyses of Orderly Structures in Jets and the Relationship with Emitted Noise).
N85-27646/7 **19**-*543,978* PC **A03**/MF **A01**

Solid Sorbent Air Sampler.
PAT-APPL-6-659 474 **13**-*529,827* PC **A02**/MF **A01**

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PB85-240117 **24**-*554,752* PC **A06**/MF **A01**

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N85-18669/0 **12**-*525,890* PC **A04**/MF **A01**

Anwendung der Laseranemometrie Auf Brennkammerstrahlen (Application of Laser Anemometry to Jets in Combustion Chambers).
N85-24253/5 **17**-*539,620* PC **A03**/MF **A01**

Mesures Bidimensionnelles Par Anemometrie Laser des Fluctuations de Vitesse dans UN Jet Excite (Laser Anemometry Two Dimensional Measurement of Velocity Fluctuations in an Excited Jet).
N85-24254/3 **17**-*539,305* PC **A02**/MF **A01**

Automatic Traversing System for Laser Doppler Anemometer (LDA) Applications to Wind Tunnels and to Free Jets.
N85-27490/0 **19**-*543,688* PC **A02**/MF **A01**

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N85-33451/4 **26**-*561,700* PC **A03**/MF **A01**

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PB85-135465 **05**-*511,260* Not available NTIS

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AD-A146 168/0 **01**-*501,000* Not available NTIS

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N85-10138/4 **03**-*505,886* PC **A07**/MF **A01**

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N85-32156/0 **24**-*555,334* PC **A02**/MF **A01**

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PB85-100196 **01**-*501,084* Not available NTIS

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PB85-107373 **01**-*501,117* Not available NTIS

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PB85-141901 **05**-*511,324* Not available NTIS

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PB85-172534 **12**-*526,715* Not available NTIS

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P985-186062 **15**-*533,617* PC **E03**/MF **E03**

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PB85-205664 **19**-*542,829* Not available NTIS

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AD-A148 699/2 **06**-*514,073* PC **A02**/MF **A01**

FREE SURFACE FLOW

Instability and Chaotic Behaviour in a Free-Surface Flow.
AD-A154 879/1 **18**-*541,674* PC **A06**/MF **A01**

FREE VIBRATION

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N85-27868/7 **20**-*547,158* PC **A02**/MF **A01**

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AD-A156 875/7 **22**-*550,606* MF **A01**

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HRP-0906269/6 **09**-*518,507* PC **A03**/MF **A01**

FREESTANDING CENTERS

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HRP-0906037/7 **04**-*508,528* PC **A03**/MF **A01**

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HRP-0906246/4 **12**-*526,431* PC **A05**/MF **A01**

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PB85-152536 **09**-*519,667* PC **E05**/MF **E01**

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PB85-153542 **09**-*518,941* PC **A02**/MF **A01**

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PB85-174316 **14**-*532,053* PC **A03**/MF **A01**

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PB85-174613 **14**-*532,060* PC **A02**/MF **A01**

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PB85-174647 **14**-*532,062* PC **A07**/MF **A01**

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PB85-175024 **14**-*532,071* PC **A04**/MF **A01**

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PB85-175099 **14**-*532,073* PC **A03**/MF **A01**

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PB85-184067 **14**-*532,138* PC **A05**/MF **A01**

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PB85-184141 **16**-*536,265* PC **A08**/MF **A01**

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PB85-184158 **16**-*536,266* PC **A05**/MF **A01**

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PB85-188118 **15**-*534,218* PC **A09**/MF **A01**

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PB85-210391 **19**-*543,529* PC **A04**/MF **A01**

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PB85-212181 **19**-*543,550* PC **A04**/MF **A01**

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PB85-212587 **19**-*543,561* PC **A04**/MF **A01**

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PB85-218154 **21**-*548,567* PC **A04**/MF **A01**

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PB85-232536 **23**-*553,448* PC **A05**/MF **A01**

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PB85-244606 **24**-*555,998* PC **A09**/MF **A01**

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AD-A156 585/0 **25**-*557,755* PC **A02**/MF **A01**

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PAT-APPL-6-677 274 **10**-*521,570* PC **A02**/MF **A01**

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PB85-863736 **18**-*540,143* PC **N01**/MF **N01**

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AD-A148 943/4 **07**-*515,175* PC **A02**/MF **A01**

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AD-A152 801/7 **15**-*535,148* PC **A13**/MF **A01**

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AD-A153 940/2 **16**-*536,955* PC **A03**/MF **A01**

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N85-27012/2 **19**-*544,399* PC **A10**/MF **A01**

Eutectic Crystallization of NaCl.2H2O and Ice.
PB85-247864 **26**-*560,457* PC **E07**/MF **E01**

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Assessment of Radial Truck Safety Performance Data.
PB85-173706 **13**-*529,723* PC **A04**/MF **A01**

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N84-34309/4 **01**-*500,256* PC **A02**/MF **A01**

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Video as a Means for Analyzing Teaching: A Process of Self-Reflection and Critique,
ED-256 323 **25**-*557,500* Not available NTIS

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DE85901311 **18**-*541,812* PC **A09**/MF **A01**

FRENCH SPACE PROGRAMS

Activities in French Aerospace.
N85-19995/8 **14**-*532,864* PC **A08**/MF **A01**

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N85-33127/0 **26**-*560,120* PC **A09**/MF **A01**

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Observation of Oxygen Frenkel Disorder in Uranium Dioxide Above 2000 K Using Neutron Scattering Techniques.
DE84702561 **03**-*507,271* PC **A02**/MF **A01**

FREON

Characteristics of Controlled-Oscillating Annular Cascade Test Facility with Freon Gas.
N85-10014/7 **03**-*505,282* PC **A02**/MF **A01**

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Code of Good Practice for the Reduction of Emissions of Chlorofluorocarbons (CFCs) R11 and R12 in Refrigeration and Air Conditioning Applications.
PB85-246593 **26**-*561,101* PC **E03**/MF **E03**

FREON 12

Code of Good Practice for the Reduction of Emissions of Chlorofluorocarbons (CFCs) R11 and R12 in Refrigeration and Air Conditioning Applications.
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DE84751392 **04**-*508,781* PC **A06**/MF **A01**

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DE84770475 **05**-*511,222* PC **A10**/MF **A01**

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DE85701787 **25**-*559,585* PC **A02**/MF **A01**

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DE85901471 **24**-*555,333* PC **A02**/MF **A01**

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AD-A146 053/4 **01**-*501,357* PC **A02**/MF **A01**

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AD-A152 951/0 **15**-*533,771* PC **A05**/MF **A01**

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AD-A146 135/9 **01**-*502,075* PC **A02**/MF **A01**

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AD-A147 766/0 **04**-*509,941* PC **A99**/MF **A01**

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AD-A156 559/7 **21**-*548,010* PC **A03**/MF **A01**

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AD-A158 380/6 **25**-*558,900* PC **A03**/MF **A01**

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AD-A148 616/6 **06**-*513,967* PC **A02**/MF **A01**

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PB85-125748 **05**-*512,166* PC **A06**/MF **A01**

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PB85-125987 **05**-*512,167* PC **A04**/MF **A01**

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PB85-125995 **05**-*512,168* PC **A05**/MF **A01**

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PB85-127413 **05**-*512,169* PC **A09**/MF **A01**

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PB85-128288 **05**-*512,171* PC **A17**/MF **A01**

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PB85-160539 **10**-*522,578* PC **E03**/MF **E03**

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N85-25684/0 **18**-*541,404* PC **A03**/MF **A01**

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AD-A152 679/7 **14**-*531,707* PC **A04**/MF **A01**

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DE85000344 **11**-*525,379* PC **A02**/MF **A01**

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PAT-APPL-6-675 174 **08**-*516,836* PC **A02**/MF **A01**

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PB85-159283 **10**-*522,016* PC **E04**/MF **E04**

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N85-13139/9 **07**-*515,284* PC **A02**/MF **A01**

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AD-A151 587/3 **12**-*527,648* PC **A02**/MF **A01**

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AD-A156 615/7 **22**-*551,304* PC **A02**/MF **A01**

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PAT-APPL-6-715 786 **17**-*539,330* PC **A02**/MF **A01**

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AD-A152 945/2 **15**-*533,770* PC **A02**/MF **A01**

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PAT-APPL-6-491 941 **05**-*511,549* PC **A03**/MF **A01**

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AD-A151 824/0 **13**-*530,695* PC **A09**/MF **A01**

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PAT-APPL-6-645 468 **04**-*509,186* PC **A02**/MF **A01**

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DE84751609 03-*507,197* PC **A03**/MF **A01**

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PAT-APPL-6-514 891 01-*501,272* PC **A02**/MF **A01**

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PAT-APPL-6-690 284 13-*529,123* PC **A02**/MF **A01**

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PAT-APPL-6-709 476 17-*537,898* PC **A02**/MF **A01**

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PATENT-4 499 481 17-*537,906* Not available NTIS

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PB85-144384 06-*513,302* Not available NTIS

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Synthesis, Characterization and Crystal and Molecular Structure of Tricyclopentadienylgallium(III).
AD-A147 825/4 04-*508,718* PC **A02**/MF **A01**

GALLIUM GERMANIUM ANTIMONIDES

Raman Scattering from Crystalline and Amorphous (GaSb) Sub 1-xGex Semiconducting Films.
AD-A146 482/5 01-*502,620* PC **A02**/MF **A01**

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AD-A150 000/8 09-*520,695* MF **A01**

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AD-A157 937/4 24-*556,593* PC **A04**/MF **A01**

GALLIUM INDIUM ARSENIDE PHOSPHIDES

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AD-A147 796/7 04-*510,169* PC **A02**/MF **A01**

Low-Loss GaInAsP Buried-Heterostructure Optical Waveguide Branches and Bends.
AD-A153 103/7 15-*534,789* PC **A02**/MF **A01**

Dispersions und Laufzeitmessungen mit psec Pulsen in Glasfasern fuer den Wellenlaengenbereich 0.7 - 1.6 micrometers (Dispersion and Transit Time Measurements with Psec Pulses in Glass Fibers for Wave Length Range 0.7 - 1.6 micrometers),
PB85-155026 10-*522,971* PC **E03**/MF **E01**

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Epitaxy) Hydride Technique,
AD-A147 639/9 04-*510,168* PC **A02**/

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AD-A148 777/6 08-*514,243* PC **A02**/

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Alloys.
AD-A148 891/5 07-*515,583* PC **A03**/

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AD-A150 697/1 11-*525,595* PC **A02**/

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AD-A151 995/8 13-*530,537* PC **A02**/

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Plasma in Ga(x)In(1-x)As Heterostructures.
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PATENT-4 468 851 11-*524,211* Not availab

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DE85701430 22-*551,253* PC **A03**/

GALLIUM PHOSPHIDES

Theory and Calculations of the Electronic Struct
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AD-A149 294/1 08-*518,145* PC **A02**/

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AD-A151 592/3 12-*528,086* Not availab

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GALLIUM/TRICYCLOPENTADIENYL

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GALLIUM/TRIMETHYL

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PB85-189647 12-*526,624* PC **E03**/MF **E01**

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DE84770464 05-*512,322* PC **A13**/MF **A01**

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DE85002290 17-*539,088* PC **A02**/MF **A01**

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PB85-182079 14-*532,523* PC **E04**/MF **E04**

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PB85-186138 16-*536,678* PC **E03**/MF **E03**

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PB85-212710 20-*546,458* PC **E04**/MF **E04**

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PB85-212827 20-*546,285* PC **E08**/MF **E08**

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N85-16291/5 10-*522,052* PC **A15**/MF **A01**

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PB85-189033 16-*535,878* PC **A02**/MF **A01**

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PB85-241024 25-*558,818* PC **E04**/MF **E04**

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AD-A148 089/6 04-*510,185* PC **A03**/MF **A01**

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AD-A151 502/2 12-*527,935* PC **A08**/MF **A01**

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AD-A155 948/3 21-*549,030* PC **A04**/MF **A01**

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AD-A147 370/1 03-*507,860* PC **A17**/MF **A01**

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AD-A154 915/3 18-*541,316* PC **A03**/MF **A01**

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AD-A146 723/2 **02**-*503,290* PC **A04**/MF **A01**

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AD-A156 883/3 **22**-*549,942* PC **A02**/MF **A01**

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AD-A157 042/3 **22**-*549,795* PC **A02**/MF **A01**

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PB85-160083 **11**-*524,605* PC **E04**/MF **E04**

GAS EXCHANGE (BIOLOGY)

Interaction between Lung Mechanics and Gas Exchange by Low Volume High Frequency Pulmonary Ventilation in Patients with Respiratory Failure.
AD-A146 604/4 **01**-*500,830* PC **A03**/MF **A01**

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AD-A158 897/9 **25**-*557,846* PC **A02**/MF **A01**

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Partial Bleed Expander Cycle for Low Thrust LOX/LH2 Rocket Engine.
N85-19018/9 **13**-*530,691* PC **A02**/MF **A01**

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N85-31230/4 **23**-*554,516* PC **A06**/MF **A01**

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PB85-134468 **05**-*511,428* PC **A11**/MF **A01**

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PB85-198497 **15**-*533,740* PC **A08**/MF **A01**

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AD-A145 890/0 **01**-*502,328* PC **A03**/MF **A01**

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AD-A147 489/9 **03**-*507,244* PC **A06**/MF **A01**

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AD-A148 408/8 **05**-*512,540* PC **A02**/MF **A01**

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AD-A148 932/7 **07**-*515,587* PC **A06**/MF **A01**

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AD-A149 313/9 **08**-*517,719* PC **A05**/MF **A01**

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AD-A151 114/6 **12**-*527,679* PC **A04**/MF **A01**

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AD-A154 366/9 **17**-*539,318* PC **A05**/MF **A01**

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AD-P004 789/4 **22**-*551,271* PC **A02**/MF **A01**

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AD-P004 790/2 **22**-*551,272* PC **A02**/MF **A01**

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AD-P004 791/0 **22**-*551,273* PC **A02**/MF **A01**

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AD-P004 792/8 **22**-*551,274* PC **A02**/MF **A01**

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AD-P004 793/6 **22**-*551,275* PC **A02**/MF **A01**

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AD-P004 795/1 **22**-*551,277* PC **A02**/MF **A01**

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AD-P004 796/9 **22**-*551,278* PC **A03**/MF **A01**

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AD-P004 797/7 **22**-*551,279* PC **A02**/MF **A01**

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AD-P004 798/5 **22**-*551,280* PC **A02**/MF **A01**

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N85-18126/1 **12**-*528,244* PC **A02**/MF **A01**

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PAT-APPL-6-633 179 **01**-*501,965* PC **A02**/MF **A01**

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PB85-119295 **03**-*507,317* PC **E04**/MF **E01**

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PB85-155745 **10**-*522,214* PC **E03**/MF **E03**

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PB85-108322
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GERMANIUM NITRIDES

Method for Producing High Quality Germanium-Germanium Nitride Interfaces for Germanium Semiconductors and Device Produced Thereby.
PAT-APPL-6-714 779 17-*539,280* PC **A02**/MF **A01**

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AD-A153 272/0 15-*535,110* Not available NTIS

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DE85015007 24-*557,035* PC **A02**/MF **A01**

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PB85-121804 04-*510,235* PC **E04**/MF **E04**

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Influence of Methane Concentration on the Mass and Energy of Ions at the Cathode of a D.C. Glow Discharge in Methane/Hydrogen Atmospheres.
PB85-227692 23-*552,529* PC **E03**/MF **E03**

GLUCOGENESIS

Program for Study of Skeletal Muscle Catabolism Following Physical Trauma.
AD-A153 844/6 16-*535,756* PC **A03**/MF **A01**

GLUCOHEPTONATE

Preparation of Glucoheptonate - Sup(99M) Tc Using Stannous Ascorbate as Reducing Agent for TcO exp -4 Ion.
DE85780196 10-*521,503* PC **A02**/MF **A01**

GLUCONIC ACID

Continuous Organic Electrochemical Synthesis.
DE85001400 09-*518,900* PC **A05**/MF **A01**

Selective Catalytic Oxidation of D-Gluconic Acid to 2-Keto-D-Gluconic Acid or D-Glucaric Acid.
PB85-246205 26-*560,455* PC **E07**/MF **E01**

GLUCOPROTEINS

Evaluation of a Subunit Vaccine to Infectious Hematopoietic Necrosis (IHN) Virus. Annual Report FY 1984.
DE85017377 26-*560,386* PC **A04**/MF **A01**

GLUCOSE

Canine Postradiation Plasma Glucose Variations.
AD-A150 411/7 10-*521,616* PC **A02**/MF **A01**

Hexose Regulation of Sodium-Hexose Transport in LLC-PK1 Epithelia: The Nature of the Signal.
AD-A153 863/6 16-*535,666* Not available NTIS

Carbohydrate Metabolism in U.S. Navy Submarine Personnel.
AD-A154 814/8 18-*540,190* PC **A02**/MF **A01**

Studies of the Properties of Some Saccharides for Lyoluminescence Dosimetry.
DE84780529 01-*501,968* PC **A04**/MF **A01**

Continuous Organic Electrochemical Synthesis.
DE85001400 09-*518,900* PC **A05**/MF **A01**

Study of Cultured Fibroblasts in Vivo Using NMR.
DE85004604 11-*523,657* PC **A08**/MF **A01**

Ethanol Production by Bacterial Fermentation.
DE85011086 17-*539,581* PC **A02**/MF **A01**

Enzymatic Hydrolysis of Whey Lactose to Glucose for Alcohol Production. Final Report, September 1, 1979-August 31, 1981.
DE85013559 25-*559,877* PC **A04**

Gamma Radiolysis of Glucose and Relative Compounds: A Spin-Trapping Study.
DE85751155 25-*558,021* PC **A02**/MF **A01**

Using Reaction-Technical Models for Characterisation and Optimisation of Continuous Ethanol Production with Biomass Recirculation.
DE85770146 12-*528,223* PC **A12**/MF **A01**

GLUCOSE/METHYL

Gamma Radiolysis of Glucose and Relative Compounds: A Spin-Trapping Study.
DE85751155 25-*558,021* PC **A02**/MF **A01**

GLUCURONIDE CONJUGATES

Separation of Glucuronide, Sulfate, and Glutathione Conjugates of Benzo(A)Pyrene by HPLC.
DE85016293 26-*560,477* PC **A02**/MF **A01**

Role of Metabolism in Benzo(A)Pyrene Carcinogenesis.
DE85017313 26-*560,429* PC **A02**/MF **A01**

GLUEBALLS

Observation of Scalar G(1590) Meson Decaying in Two nu Mesons.
DE84702440 01-*502,495* PC **A02**/MF **A01**

Glueball Spectroscopy from Strong Coupling Expansions in Hamiltonian Lattice QCD.
DE84751805 04-*510,273* PC **A02**/MF **A01**

Monte Carlo Study of Glueball Masses in SU(2).
DE84752297 09-*520,446* PC **A02**/MF **A01**

Glueball Candidates in Hadroproduction.
DE85000237 08-*517,971* PC **A02**/MF **A01**

Glueball Candidates.
DE85003627 11-*525,439* PC **A02**/MF **A01**

Resonances in Photon-Photon Scattering.
DE85004607 11-*525,449* PC **A03**/MF **A01**

Physics at the J/psi and the Status of Glueballs.
DE85005538 12-*527,996* PC **A02**/MF **A01**

Gluonia.
DE85008318 15-*534,859* PC **A03**/MF **A01**

Studies of Interactions Between Elementary Particles and Nuclei. Progress Report.
DE85016572 26-*561,794* PC **A03**/MF **A01**

Search for Glueballs in Final State Interactions.
DE85700068 09-*520,506* PC **A02**/MF **A01**

Exotic Atoms of QCD: Glueballs, Hybrids and Baryonia.
DE85700255 12-*528,026* PC **A02**/MF **A01**

Psi Yields gamma gamma V and M1 Radiative Decays of iota(1440) and qq-Barg Hybrid Mesons.
DE85700256 12-*528,027* PC **A02**/MF **A01**

Mechanism for Glueball Production.
DE85700519 16-*536,812* PC **A02**/MF **A01**

G(1590)-Meson and Possible Characteristic Features of a Glueball.
DE85700863 20-*546,676* PC **A02**/MF **A01**

Cross Section Growth of Hadron-Hadron Interactions and its Possible Connection with Glueball Existence.
DE85701775 25-*559,575* PC **A02**/MF **A01**

Exclusive Production and Decay of Glueballs.
DE85701794 25-*559,592* PC **A02**/MF **A01**

Supersymmetric Particles at the CERN Panti p Collider.
DE85750086 12-*528,038* PC **A02**/MF **A01**

Glueball Spectrum in (Lattice) QCD - a Status Report.
DE85751039 19-*544,178* PC **A04**/MF **A01**

Phi sup + + Glueball Mass in SU(3) Lattice Gauge Theory: Towards Definitive Results.
DE85751524 20-*546,947* PC **A02**/MF **A01**

More About the SU(2) 2 exp + Glueball State.
DE85752010 25-*559,626* PC **A02**/MF **A01**

GAMS at IHEP (Institut Interuniversitaire des Sciences Nucleaires, Brussels, Belgium) and at CERN (European Organization for Nuclear Research).
DE85900489 22-*551,119* PC **A02**/MF **A01**

Study of Mesons Produced Centrally in the Reaction pp yields pp + X sup 0 and pi sup + p yields pi sup + p + X sup 0 at 85 GeV/C.
DE85900999 24-*556,894* PC **A03**/MF **A01**

Glueballs.
PB85-143907 06-*514,187* Not available NTIS

GLUON MODEL

Quark-Gluon Model for Particle Production Processes.
DE85701007 22-*551,579* PC **A02**/MF **A01**

GLUONS

Regge Behaviour of Symmetric Octet Exchange Amplitude for Gluon-Gluon Scattering.
DE81700428 20-*544,581* PC **A02**/MF **A01**

Supersymmetric Parton Scattering at High Momentum Transfer.
DE84702246 03-*507,467* PC **A02**/MF **A01**

Implications of the Non-Uniqueness in the Solution of the Gauge Identities for the Schwinger-Dyson Equation.
DE84702824 08-*517,887* PC **A02**/MF **A01**

Colourless Partition Function of Quantum Quark-Gluon Gas.
DE84703069 03-*507,568* PC **A02**/MF **A01**

Experimental Test of the Flavor Independence of the Quark-Gluon Coupling Constant.
DE84751533 08-*517,944* PC **A02**/MF **A01**

Multijet Final States: Exact Results and the Leading Pole Approximation.
DE85000306 06-*514,144* PC **A02**/MF **A01**

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DE85007844 14-*532,641* PC **A02**/MF **A01**

Recent Single Tag Two Photon Experiments at PETRA and the Issue of Quark Charges.
DE85700248 12-*528,020* PC **A02**/MF **A01**

Supersymmetric Particles at the CERN Panti p Collider.
DE85750086 12-*528,038* PC **A02**/MF **A01**

What Psi Yields (gamma)(gamma) V can Teach Us about Gluons and Quarks,
PB85-147437 08-*518,026* PC **E03**/MF **E03**

GLUTAMATE

Classification and Properties of Acidic Amino Acid Receptors in Hippocampus.
AD-A158 807/8 25-*557,766* PC **A02**/MF **A01**

GLUTAMATES

Modulation of Neuronal Responses to L-Glutamate in Aplysia.
AD-A150 410/9 10-*521,390* PC **A02**/MF **A01**

GLUTAMINE

Mechanisms in Opposite Modulation of Spleen Cell and Lymph Node Cell Responses to Mitogens following Muramyl Dipeptide Treatment in Vivo.
AD-A157 879/8 24-*555,000* PC **A02**/MF **A01**

GLUTARALDEHYDE

Health Hazard Evaluation Report HETA 83-284-1536, Dialysis Clinic, Inc., Atlanta, Georgia.
PB85-207751 19-*542,673* PC **A02**/MF **A01**

GLUTATHIME

Glutathione Plus Cytosol- and Microsome-Mediated Binding of 1,2-Dichloroethene to Polynucleotides.
PB85-249852 26-*560,268* PC **A02**/MF **A01**

GLUTATHIONE

Hepatic Glutathione Concentration and Serum Gamma-Glutamyl Transpeptidase Activity in Two Inbred Mouse Strains.
PB85-171742 13-*528,887* PC **A02**/MF **A01**

GLUTATHIONE CONJUGATES

Seperation of Glucuronide, Sulfate, and Glutathione Conjugates of Benzo(A)Pyrene by HPLC.
DE85016293 26-*560,477* PC **A02**/MF **A01**

Role of Metabolism in Benzo(A)Pyrene Carcinogenesis.
DE85017313 26-*560,429* PC **A02**/MF **A01**

GLYCERIN

Etude du Mecanisme d'Action des Organophosphores et des Neurotoxines Presynaptiques sur les Terminaisons Nerveuses Cholinergiques Purifiees (Study of the Action Mechanism of Organosphores and Presynaptic Neurotoxins on the Purified Cholinergic Nervous Terminations),
PB85-200301 17-*537,601* PC **E04**/MF **E04**

GLYCEROL

On-Line Capillary Viscometer for a Continuous Liquefaction Unit.
DE85013467 23-*554,411* PC **A03**/MF **A01**

Scientific Literature Review of Propylene Glycol, Glycerol and Related Substances in Flavor Usage. Volume 1. Introduction and Summary, Tables of Data, Bibliography.
PB85-141083 06-*513,102* PC **A10**/MF **A01**

GLYCINE

Chemoreceptor Function and Regulation in Cultured Vertebrate Neurons.
AD-A157 275/9 23-*552,375* PC **A02**/MF **A01**

Extensive Galactic Search for Conformer II Glycine.
PB85-108603 02-*502,885* Not available NTIS

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Oxidants and Acid Precipitation: A Method for Identifying and Modeling Effects on United States Soybean Yield.
DE85003604 09-*519,635* PC **A02**/MF **A01**

Effects of Acidic Deposition on Agricultural Crops: Task D. Annual Report.
DE85006096 11-*523,283* PC **A02**/MF **A01**

Radionuclide Complexation in Xylem Exudates of Plants.
DE85013446 22-*549,847* PC **A02**/MF **A01**

GLYCINE/N-N-BIS ((BIS (CARBOXYMETHYL)AMINO)ETHYL)- (CALCIUM-SALT)

Study on the Short-Term Metabolism of Curium and Its Removal with DTPA in the Rat.
DE85700902 20-*544,881* PC **A03**/MF **A01**

GLYCOL/DIETHYLENE

Diethylene Glycol: Reproduction and Fertility Assessment in CD-1 Mice When Administered in the Drinking Water.
PB85-212926 20-*544,906* PC **A11**/MF **A01**

GLYCOL MALEIC ACID/PROPYLENE

Stabilized Unsaturated Polyesters.
PATENT-4 523 008 22-*549,974* Not available NTIS

GLYCOLATES

Synthese des Derives Organiques a Action Anticholinergique et Anticonvulsivante (Synthesis of Organic Derivatives with Anti-Cholinergic and Anti-Convulsive Properties. Subject: Glycolate Levels of Amino-Alkyls with Annti-Cholinergic Properties).
PB85-196018 17-*537,560* PC **E04**/MF **E04**

GLYCOLIPID/ACETYL

Antihypertensive Neutral Lipid.
PAT-APPL-6-665 214 19-*542,760* PC **A02**/MF **A01**

GLYCOLIPIDS

Threshold Effects and Cellular Recognition. Final Report, July 1, 1979-March 31, 1984.
DE85010816 18-*540,007* PC **A02**/MF **A01**

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AD-A150 466/1 10-*522,088* PC **A02**/MF **A01**

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DE85000305 04-*508,788* PC **A03**/MF **A01**

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DE85004586 11-*524,318* PC **A09**/MF **A01**

Mild-Cure Formaldehyde-Free Durable-Press Finishing of Cotton Textiles with Glyoxal and Glycols.
PATENT-4 472 167 02-*504,060* Not available NTIS

Stabilized Unsaturated Polyesters.
PATENT-4 523 008 22-*549,974* Not available NTIS

GLYCOPROTEINS

Effect of Injury on Fibronectin,
AD-P004 423/0 12-*526,358* PC **A02**/MF **A01**

Purification of Uromodulin.
PAT-APPL-6-749 442 23-*552,224* PC **A02**/MF **A01**

GLYCOSIDES

Hexose Regulation of Sodium-Hexose Transport in LLC-PK1 Epithelia: The Nature of the Signal.
AD-A153 863/6 16-*535,666* Not available NTIS

GLYCOSYL HYDROLASES

New Method for Tritium Labelling of Neuraminidase from Vibrio Cholerae.
DE85780162 11-*523,663* PC **A05**/MF **A01**

GLYNN ELLYN (ILLINOIS)

Development of a General Planning Methodology for Storm Water Management in Urban Watersheds.
PB85-161412 13-*529,066* PC **A10**/MF **A01**

GLYOXAL

Search for Chemisorbed HCO: The Interaction of Formaldehyde, Glyoxal and Atomic Hydrogen + CO with Rh.
PB85-141323 05-*511,322* Not available NTIS

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Migration Experiments in Studsvik.
DE84701625 01-*502,231* PC **A04**/MF **A01**

Hard Rock Excavation at the CSM/OCRD Test Site Using Crater Theory and Current United States Controlled Smooth Wall Blasting Practices, June 1982.
DE85001602 04-*509,001* PC **A03**/MF **A01**

Interim Rock Mass Properties and Conditions for Analyses of a Repository in Crystalline Rock.
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Effect of Leaching on the Mechanical Properties of the Gneiss of Avesta.
DE85750232 20-*545,060* PC **A03**/MF **A01**

Review of Geological Criteria and Assessment Techniques Used for Site Investigations for Disposal of Radioactive Wastes in India.
DE85780427 15-*534,623* PC **A02**/MF **A01**

GOAL PROGRAMMING

Implementation of a Constraint Machine for PRISM - A Parallel Problem Solver.
AD-A147 844/5 04-*509,084* PC **A08**/MF **A01**

DEPLOY: An Interactive Goal Programming Model for the Rapid Deployment of Armed Forces.
AD-A152 007/1 13-*529,901* PC **A10**/MF **A01**

GOAL: A Goal Oriented Command Language for Interactive Proof Construction.
AD-A155 093/8 18-*540,597* PC **A09**/MF **A01**

GOAL PROGRAMMING LANGUAGE

GOAL: A Goal Oriented Command Language for Interactive Proof Construction.
AD-A155 093/8 18-*540,597* PC **A09**/MF **A01**

GOALS

Summary of Activities of Aeronautics and Space Engineering Board.
N85-17729/3 11-*525,846* PC **A02**/MF **A01**

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Study of African Trypanosomiasis and Leishmaniasis. Annual Report October 1, 1981 - September 30, 1982 (Final),
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Utilizacion de Hojas de Faique en Caprinos en Crecimiento (Faique Leaves in Diets for Growing Goats).
PB85-111318 02-*502,842* PC **A05**/MF **A01**

Domba dan Kambing di Indonesia (Sheep and Goats in Indonesia).
PB85-159416 11-*523,291* PC **A15**/MF **A01**

Evaluacion de Parametros Digestivos y del Consumo Voluntario de Residuos de Cosecha en Ganado Caprino (Digestibility and Voluntary Consumption of Crop Residues by Goats),
PB85-161834 11-*523,292* PC **E05**/MF **E01**

Potential of Dairy Goats as a Source of Milk on Smallholder Farms in Kenya.
PB85-165702 11-*523,295* PC **A02**/MF **A01**

Meat Production and Carcass Characteristics of the Goat,
PB85-174175 13-*528,350* PC **E04**/MF **E01**

Small Ruminant Breed Productivity in Africa: Proceedings of a Seminar Held at Ilca, Addis Ababa, Ethiopia in October 1982,
PB85-194959 15-*532,952* PC **A11**/MF **A01**

GOBI DESERT

Measurements of the Surface Energy Budget in the Southern Gobi Desert of China, and in the Rocky Mountains of Colorado.
N85-21847/7 14-*531,553* PC **A05**/MF **A01**

GODIVA REACTOR

Analysis of Central Worths and Other Integral Data from the Los Alamos Benchmark Assemblies.
DE85005233 11-*525,301* PC **A02**/MF **A01**

Benchmark Assemblies of the Los Alamos Critical Assemblies Facility.
DE85012683 23-*554,068* PC **A02**/MF **A01**

GODUNOV METHOD

High-Order Accurate Interpolation for Non-Oscillatory Shock Capturing Schemes.
AD-A158 131/3 24-*555,824* PC **A03**/MF **A01**

GOERTLER INSTABILITY

Stability Calculations of the Two-Dimensional Boundary Layer Along a Concave Wall: Part 1: A Numerical Method of Solution for the Simultaneous Ordinary Differential Equations Governing Disturbances.
N85-25758/2 18-*541,683* PC **A02**/MF **A01**

GOFFS FALLS DAM

National Program for Inspection of Non-Federal Dams. Goffs Falls Dam (NH 00292), NHWRB 150.05, Merrimack River Basin, Manchester, New Hampshire. Phase I Inspection Report.
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Use of MAG-1 Spectacles with Positive- and Negative-Pressure Respirators.
NUREG/CR-3953 17-*537,564* PC **A03**/MF **A01**

OITER

Diagnosing Diseases of the Thyroid Gland by Means of Scintiscanning and Puncture Cytology Taking into Consideration the Nodular Goitre.
DE85780175 10-*521,499* PC **A06**/MF **A01**

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Nonlinear Spectroscopy and Picosecond Transient Grating Study of Colloidal Gold.
AD-A156 483/8 25-*557,927* PC **A02**/MF **A01**

Blistering and Exfoliation Investigations on Gold by 3.52 MeV Helium Particles.
DE81700409 20-*545,493* PC **A02**/MF **A01**

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DE84014306 13-*528,957* PC **A03**/MF **A01**

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Alternative Methods to Fire Assaying.
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DE84701996 02-*503,571* PC **A02**/MF **A01**

Analysis, by Atomic-Absorption Spectrophotometry, of Activated Charcoal.
DE84701998 02-*503,573* PC **A02**/MF **A01**

Application of Foam Flotation at Electrolysis to Concentrate of Trace Elements in Cheleken Geothermal Brines.
DE84702901 09-*518,871* PC **A02**/MF **A01**

Investigation of the Projectile Atomic Number Dependence of the L-Subshell Ionization. No. B/9.
DE84780521 01-*502,547* PC **A02**/MF **A01**

Evaluation of Target Purity Using Various Vacuum Systems.
DE85000075 04-*510,245* PC **A02**/MF **A01**

Morphological Instabilities and Ion Beam Mixing in Ge. Revision.
DE85001858 04-*509,423* PC **A02**/MF **A01**

Comparisons Between Computed and Observed Grain Boundary Structures and Properties in Metals.
DE85002596 09-*519,396* PC **A02**/MF **A01**

Calculation of Si(Li) X-Ray Detector Efficiencies.
DE85002732 07-*515,211* PC **A02**/MF **A01**

H Exp - Ion Production from Different Converter Materials.
DE85003457 09-*520,274* PC **A02**/MF **A01**

Study of Energy Versus Misorientation for Grain Boundaries in Gold by Crystallite Rotation Method. I. (001) Twist Boundaries.
DE85004598 09-*519,406* PC **A02**/MF **A01**

Convoy Electron Production by Heavy Ions in Solids.
DE85005256 11-*525,473* PC **A02**/MF **A01**

Reaction of Amorphous NiNb Films with Crystalline Metal Overlayers.
DE85005483 11-*525,339* PC **A02**/MF **A01**

Characterization of Supported Metal Catalysts by Imaging, Microdiffraction and Microanalysis Techniques.
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Ion Beam Mixing of Marker Layers in Al and Si.
DE85006227 12-*527,106* PC **A02**/MF **A01**

Direct Observation of Ion-Beam-Induced Effects in the ANL-HVEM.
DE85006900 13-*529,477* PC **A02**/MF **A01**

M-Shell Electron Capture and Direct Ionization of Gold by 25-MeV Carbon and 32-MeV Oxygen Ions.
DE85006923 13-*530,415* PC **A02**

L-Shell X-Ray Production Cross Sections in Nd, Gd, Ho, Yb, Au and Pb for 25-MeV Carbon and 32-MeV Oxygen Ions.
DE85006924 13-*530,416* PC **A02**/MF **A01**

Magnetic Measurements of Monolayer-Thickness Films of Cr Sandwiched by Au.
DE85015005 25-*559,795* PC **A02**/MF **A01**

Diffraction and Microscopy Studies of the Structure of Grain Boundaries in Fe, Fe-Base Alloys and Caramic Materials. Final Technical Report.
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L Subshell X-Ray Production by 100 - 250 KeV/Amu Ions.
DE85700317 16-*535,853* PC **A03**/MF **A01**

M-Subshell Ionization of Au, Pb, Bi and U by Protons.
DE85700492 16-*536,807* PC **A03**/MF **A01**

Graphical Analysis for Rutherford Backscattering Spectra.
DE85701706 25-*559,563* PC **A02**/MF **A01**

About the Size of a Source Forming Light Fragments Emitted in Relativistic Nuclear Interactions.
DE85701840 26-*561,825* PC **A02**/MF **A01**

Studies About Diffusion Through Grain Boundary.
DE85780378 17-*538,259* PC **A06**/MF **A01**

Neutron Capture gamma-Ray Spectroscopy and Its Analytical Applications for Gold Ore Sample Using the Reactor Neutrons.
DE85900663 14-*531,504* PC **A02**/MF **A01**

Influence of Aluminum Oxide Film on Thermocompression Bonding of Gold Wire to Evaporated Aluminum Film.
N85-12127/5 06-*513,856* PC **A02**/MF **A01**

Calcium Sulfide Precipitation of Mercury during Cyanide Leaching of Gold Ores.
PB85-137628 06-*513,380* PC **A02**/MF **A01**

Development of an Improved On-Line Gold Analyser.
PB85-159366 11-*524,818* PC **E04**/MF **E01**

Production of High-Purity Gold from Zinc Precipitates and Steel Wool Cathodes by Hydrometallurgical Refining.
PB85-185312 16-*536,144* PC **A02**/MF **A01**

Improved Recoveries of Gold from Auriferous Calcines and Pyrites by Fine Milling.
PB85-210458 20-*545,155* PC **E03**/MF **E01**

Hydrometallurgical Treatment of Electronic Scrap to Recover Gold and Silver.
PB85-239226 25-*558,463* PC **A03**/MF **A01**

Flotation Separation of Gold and Silver Particles. 1966-November 1985 (Citations from the Metals Abstracts Data Base).
PB85-872570 26-*560,954* PC **N01**/MF **N01**

GOLD 193

Contribution to the Study of sup 193 Au, sup 194 Hg and sup 198 Hg Compound Nuclei.
DE84780428 01-*502,526* PC **A04**/MF **A01**

GOLD 197

Possible Indication of an A-Dependence of R in Deep-Inelastic Electron Scattering from Nuclei.
DE85008174 14-*532,648* PC **A02**/MF **A01**

Evidence for M1 Strength in sup 197 Au.
DE85700578 18-*541,796* PC **A02**/MF **A01**

Excitation of Nuclei at Positron Annihilation.
DE85700702 22-*551,570* PC **A02**/MF **A01**

GOLD 197 TARGET

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DE84016629 02-*504,974* PC **A21**/MF **A01**

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DE84702444 01-*502,497* PC **A02**/MF **A01**

Neutronic Evaluations of Activations in Graphite-Thorium Assemblies, 14 MeV Neutron Sources. Comparisons with Measurements.
DE84702657 08-*517,914* PC **A04**/MF **A01**

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DE84702884 09-*520,327* PC **A02**/MF **A01**

200 MeV Proton Scattering on Nuclei. Energetic Proton Analysis at Large Angle.
DE84751872 09-*520,417* PC **A06**/MF **A01**

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DE84752022 09-*520,430* PC **A06**/MF **A01**

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DE84780563 09-*520,452* PC **A05**/MF **A01**

Study of Transfer and Breakup Reactions with the Plastic Box.
DE85000626 06-*514,147* PC **A02**/MF **A01**

Analysis of N + sup 197 Au Cross Sections for E/sub n/ = 0.01-20 MeV.
DE85002013 04-*510,306* PC **A02**/MF **A01**

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DE85007471 13-*530,433* PC **A02**/MF **A01**

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ED-244 601 **04**-*508,282* Not available NTIS

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PB85-109817 **03**-*506,164* PC **A03**/MF **A01**

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PB85-189637 **16**-*536,205* PC **E04**/MF **E01**

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PB85-191765 **16**-*535,932* PC **A04**/MF **A01**

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PB85-240281 **26**-*561,308* PC **A03**/MF **A01**

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PB85-110401 **03**-*506,171* PC **A03**/MF **A01**

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PB85-212082 **17**-*538,741* CP **T99**

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AD-A146 148/2 **01**-*502,613* PC **A04**/MF **A01**

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AD-A146 502/0 **01**-*501,259* PC **A03**/MF **A01**

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AD-A146 539/2 **01**-*501,034* PC **A06**/MF **A01**

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AD-A147 664/7 **04**-*510,372* PC **A03**/MF **A01**

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AD-A147 725/6 **04**-*510,409* PC **A05**/MF **A01**

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AD-A147 949/2 **04**-*508,742* PC **A03**/MF **A01**

Development of a Compression Testing Method for Graphite/Epoxy Coupons,
AD-A148 595/2 **06**-*513,534* PC **A03**/MF **A01**

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AD-A148 729/7 **06**-*513,538* PC **A04**/MF **A01**

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AD-A149 801/3 **09**-*520,691* PC **A02**/MF **A01**

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AD-A154 100/2 **17**-*537,620* PC **A03**/MF **A01**

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AD-A154 269/5 **17**-*538,188* PC **A12**/MF **A01**

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AD-A155 560/6 **19**-*543,200* PC **A05**/MF **A01**

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AD-A158 012/5 **24**-*555,720* PC **A03**/MF **A01**

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AD-A158 607/2 **25**-*558,369* PC **A02**/MF **A01**

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DE84015374 **02**-*504,069* PC **A02**/MF **A01**

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DE84702459 **01**-*501,503* PC **A03**/MF **A01**

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DE84703571 **10**-*522,856* PC **A03**/MF **A01**

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DE84750067 **03**-*507,069* PC **A09**/MF **A01**

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DE84751631 **04**-*510,105* PC **A05**/MF **A01**

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DE84751814 **02**-*503,588* PC **A08**/MF **A01**

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DE85000627 **08**-*517,578* PC **A02**/MF **A01**

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DE85000855 **09**-*518,896* PC **A07**/MF **A01**

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DE85000966 **07**-*515,477* PC **A03**/MF **A01**

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DE85015816 **26**-*561,970* PC **A03**/MF **A01**

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DE85016508 **25**-*559,913* PC **A02**/MF **A01**

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DE85016511 **25**-*559,914* PC **A02**/MF **A01**

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DE85700304 **15**-*533,571* PC **A07**/MF **A01**

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DE85700866 **20**-*546,428* PC **A02**/MF **A01**

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DE85700889 **20**-*546,355* PC **A02**/MF **A01**

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DE85750027 **15**-*534,666* PC **A03**/MF **A01**

Design of the Inner Reflector of a High-Temperature Gas-Cooled Reactor.
DE85750103 **13**-*530,211* PC **A06**/MF **A01**

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DE85751050 **19**-*543,807* PC **A02**/MF **A01**

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DE85780554 **16**-*536,664* PC **A03**/MF **A01**

Application of Quantitative Microscopy to Ceramics.
N84-34616/8 **02**-*504,034* PC **A03**/MF **A01**

Dynamics of Graphite Fiber Intercalation: In Situ Resistivity Measurements with a Four Point Probe.
N85-10105/3 **03**-*505,885* PC **A02**/MF **A01**

Stability of Bromine Intercalated Graphite Fibers.
N85-10187/1 **03**-*506,413* PC **A02**/MF **A01**

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N85-12100/2 **06**-*513,546* PC **A02**/MF **A01**

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N85-15695/4 **10**-*522,158* PC **A04**/MF **A01**

13C Nuclear Magnetic Resonance in Graphite Intercalation Compounds.
N85-16601/5 **10**-*521,739* PC **A02**/MF **A01**

Tribological Properties of Graphite-Fiber-Reinforced, Partially Fluorinated Polyimide Composites.
N85-18153/5 **12**-*527,086* PC **A03**/MF **A01**

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N85-25521/4 **18**-*540,826* PC **A02**/MF **A01**

Graphite Fiber Intercalation: Dynamics of the Bromine Intercalation Process.
N85-26921/5 **19**-*543,187* PC **A02**/MF **A01**

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N85-26923/1 **19**-*543,188* PC **A04**/MF **A01**

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N85-26992/6 **19**-*543,201* PC **A02**/MF **A01**

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N85-28110/3 **20**-*545,002* PC **A02**/MF **A01**

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N85-30036/6 **22**-*550,410* PC **A18**/MF **A01**

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N85-31236/1 **23**-*553,137* PC **A03**/MF **A01**

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PAT-APPL-6-706 682 **22**-*550,412* PC **A03**/MF **A01**

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PATENT-4 527 092 **26**-*561,206* Not available NTIS

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PB85-103737 **02**-*503,716* PC **A02**/MF **A01**

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PB85-112686 **02**-*503,619* PC **A06**/MF **A01**

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PB85-115715 **03**-*505,898* Not available NTIS

Assessment of Management Modes for Graphite from Reactor Decommissioning.
PB85-212827 **20**-*546,285* PC **E08**/MF **E08**

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PB85-229953 **23**-*552,545* Not available NTIS

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PB85-866283 **21**-*548,181* PC **N01**/MF **N01**

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PB85-869436 **24**-*555,712* PC **N01**/MF **N01**

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PB85-870392 **25**-*558,480* PC **N01**/MF **N01**

GRAPHITE-EPOXY COMPOSITES

Fracture Surface Characteristics of Notched Angleplied Graphite/Epoxy Composites.
N84-33522/3 **01**-*501,519* PC **A02**/MF **A01**

Compression Failure Mechanisms in Unidirectional Composites.
N84-33523/1 **01**-*501,520* PC **A03**/MF **A01**

Ground Exposure of Composite Materials for Helicopters.
N84-34577/6 **02**-*504,052* PC **A02**/MF **A01**

Distributions of Fatigue Life and Fatigue Strength in Notched Specimens of a Carbon 8-Harness-Satin Laminate.
N85-10407/3 **03**-*506,407* PC **A02**/MF **A01**

Advanced Composite Stabilizer for Boeing 737 Aircraft.
N85-10934/6 **04**-*507,921* PC **A03**/MF **A01**

Deformation Measurements of Composite Multi-Span Beam Shear Specimens by Moire Interferometry.
N85-11135/9 **04**-*509,367* PC **A05**/MF **A01**

Fracture Toughness of Fibrous Composite Materials.
N85-11136/7 **04**-*509,368* PC **A04**/MF **A01**

Influence of Sublaminate Cracks on the Tension Fatigue Behavior of a Graphite Epoxy Laminate.
N85-11386/8 **04**-*509,372* PC **A03**/MF **A01**

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N85-12102/8 **06**-*513,548* PC **A05**/MF **A01**

Composite Structural Materials.
N85-12966/6 **07**-*514,974* PC **A08**/MF **A01**

Essai 17.208: Statistique sur les Caracteristics de Base des Composites Carbone-Epoxy (Traction) (Test Report No. 17.208: Statistics of the Basic Characteristics of Carbon-Epoxy Composites).
N85-12979/9 **07**-*514,975* PC **A04**/MF **A01**

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N85-12980/7 **07**-*514,976* PC **A02**/MF **A01**

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N85-13049/0 **07**-*514,979* PC **A03**/MF **A01**

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N85-15821/0 **10**-*522,096* PC **A06**/MF **A01**

Passive Orbital Disconnect Strut (PODS 3) Structural Test Program.
N85-17020/7 **11**-*525,835* PC **A06**/MF **A01**

Effects of High Energy Radiation on the Mechanical Properties of Epoxy-Graphite Fiber Reinforced Composites.
N85-17047/0 **11**-*524,452* PC **A04**/MF **A01**

Flight Service Evaluation of Advanced Composite Ailerons on the L-1011 Transport Aircraft.
N85-17049/6 **11**-*523,245* PC **A02**/MF **A01**

Verification and Application of the Iosipescu Shear Test Method.
N85-18376/2 **12**-*527,087* PC **A06**/MF **A01**

Evaluation of Failure Criterion for Graphite/Epoxy Fabric Laminates.
N85-19025/4 **13**-*529,461* PC **A03**/MF **A01**

Preliminary Report on Tests of Tensile Specimens with a Part-Through Surface Notch for a Filament Wound Graphite/Epoxy Material.
N85-19026/2 **13**-*529,462* PC **A03**/MF **A01**

Evaluation and Prediction of Long-Term Environmental Effects of Nonmetallic Materials.
N85-19137/7 **13**-*529,463* PC **A03**/MF **A01**

Interleaved Array Antenna Technology Development.
N85-19326/6 **13**-*529,250* PC **A04**/MF **A01**

Characterization of Mode 1 and Mixed-Mode Failure of Adhesive Bonds Between Composite Adherends.
N85-21270/2 **14**-*531,844* PC **A03**/MF **A01**

Accelerated Viscoelastic Characterization of T300-5208 Graphite-Epoxy Laminates.
N85-21271/0 **14**-*531,845* PC **A11**/MF **A01**

Longitudinal Splitting in Unidirectional Composites, Analysis and Experiments.
N85-22639/7 **15**-*534,006* PC **A06**/MF **A01**

Measurement of Damping of Graphite Epoxy Materials.
N85-23931/7 **17**-*538,209* PC **A02**/MF **A01**

Design, Fabrication and Test of Composite Curved Frames for Helicopter Fuselage Structure.
N85-25247/6 **18**-*539,673* PC **A06**/MF **A01**

Crack Growth Direction in Unidirectional off-Axis Graphite Epoxy.
N85-25433/2 **18**-*540,820* PC **A03**/MF **A01**

Effect of Low-Velocity or Ballistic Impact Damage on the Strength of Thin Composite and Aluminum Shear Panels.
N85-26924/9 **19**-*543,189* PC **A03**/MF **A01**

Measurement of Damping of Graphite Expoxy Materials.
N85-26925/6 **19**-*543,190* PC **A02**/MF **A01**

Flight-Service Program for Advanced Composite Rudders on Transport Aircraft.
N85-29950/1 **22**-*549,311* PC **A03**/MF **A01**

Fuel Containment and Damage Tolerance in Large Composite Primary Aircraft Structures.
N85-30032/5 **22**-*549,313* PC **A02**/MF **A01**

Influence of Interface Ply Orientation on Fatigue Damage of Adhesively Bonded Composite Joints.
N85-30365/9 **22**-*550,723* PC **A02**/MF **A01**

Residual Thermal and Moisture Influences on the Strain Energy Release Rate Analysis of Edge Delamination.
N85-31238/7 **23**-*553,139* PC **A03**/MF **A01**

Development and Test of Advanced Composite Components. Center Directors Discretionary Fund Program.
N85-32147/9 **24**-*555,721* PC **A03**/MF **A01**

Comparisons of Various Configurations of the Edge Delamination Test for Interlaminar Fracture Toughness.
N85-32151/1 **24**-*555,725* PC **A03**/MF **A01**

Measurement of Damping of Graphite Epoxy Materials.
N85-32334/3 **24**-*555,726* PC **A02**/MF **A01**

Nonlinear Response and Failure Characteristics of Internally Pressurized Composite Cylindrical Panels.
N85-33546/1 **26**-*560,911* PC **A10**/MF **A01**

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PB85-870392 **25**-*558,480* PC **N01**/MF **N01**

GRAPHITE FURNACE ATOMIC SPECTROSCOPY

Determination of Ultratrace Levels of Lead in Reference Fuels by Graphite Furnace Atomic Absorption.
PB85-189421 **15**-*535,235* Not available NTIS

GRAPHITE MODERATED REACTORS

Graphite-Moderated and Heavy Water-Moderated Spectral Shift Reactors.
DE85701353 **25**-*559,339* PC **A15**/MF **A01**

Space and Energy Dependence of Uranium 238 Resonance Capture Rate in a Heterogeneous Lattice.
DE85751200 **25**-*559,345* PC **A03**/MF **A01**

GRAPHITE-POLYIMIDE COMPOSITES

Long-Term Thermal Aging of 2 Graphite-Polyimide Composite Materials.
N85-12094/7 **06**-*513,544* PC **A03**/MF **A01**

Develop and Demonstrate Manufacturing Processes for Fabricating Graphite Filament Reinforced Polymide (GR/PI) Composite Structural Elements.
N85-20019/4 **14**-*531,839* PC **A11**/MF **A01**

Effect of Counterface Material Type and Its Topography on the Tribological Properties of Polyimide Composites.
N85-26993/4 **19**-*543,193* PC **A03**/MF **A01**

Graphite/PMR Polyimide Composites with Improved Toughness.
N85-32148/7 **24**-*555,722* PC **A02**/MF **A01**

Thermal Expansion of Selected Graphite Reinforced Polyimide-, Epoxy-, and Glass-Matrix Composite.
N85-32149/5 **24**-*555,723* PC **A02**/MF **A01**

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Investigation of the Electrical Conductivity in Highly Oriented Graphite Intercalation Compounds.
AD-A146 539/2 **01**-*501,034* PC **A06**/MF **A01**

Simulation of Repetitively-Pulsed Laser Irradiation of Graphite-Epoxy Composite.
AD-A148 698/4 **06**-*513,537* PC **A03**/MF **A01**

Effects of Delamination Damage in Fibre Composite Laminates,
AD-A151 513/9 **12**-*527,079* PC **A02**/MF **A01**

Directional Thermal Conductivities of Graphite/Epoxy Composites: 0/90 and 0/ + or - 45/90.
AD-A152 209/3 **13**-*529,456* PC **A03**/MF **A01**

Effects of MIL-R-81294 Paint Stripper on AS/3501-6 Graphite/Epoxy Composite Systems.
AD-A158 346/7 **25**-*558,387* PC **A03**/MF **A01**

Fractography of Mixed Mode I - II Failure in Graphite/Epoxy and Graphite/Thermoplastic Unidirectional Composites.
AD-A158 852/4 **25**-*558,391* PC **A03**/MF **A01**

Graphite in Lubrication. 1970-May 1985 (Citations from the NTIS Data Base).
PB85-860583 **14**-*531,896* PC **N01**/MF **N01**

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AD-A146 578/0 **01**-*501,261* PC **A02**/MF **A01**

PHS

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d Integer Polyhedra.
-A147 953/4 **04**-*509,535* PC **A03**/MF **A01**

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-A149 194/3 **08**-*516,927* PC **A03**/MF **A01**

imum Matchings in a Class of Random Graphs.
-A149 663/7 **09**-*519,436* PC **A02**/MF **A01**

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Graphs.
-A150 759/9 **11**-*524,524* PC **A03**/MF **A01**

chings and Hamiltonian Cycles in Random Graphs.
-A151 015/5 **11**-*524,537* PC **A03**/MF **A01**

the Power of Perturbation for Testing Non-Isomorphism
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-A151 443/9 **12**-*527,186* Not available NTIS

neralized Planar Matching.
-A154 809/8 **18**-*540,901* PC **A03**/MF **A01**

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DE85004908 **11**-*524,178* PC **A02**/MF **A01**

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DE85014806 **24**-*556,292* PC **A02**/MF **A01**

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DE85016094 **25**-*558,967* PC **A07**/MF **A01**

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DE85016959 **26**-*560,648* PC **A02**/MF **A01**

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N85-15715/4 **10**-*520,965* PC **A06**/MF **A01**

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DE85005246 **23**-*553,255* PC **A02**/MF **A01**

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DE85005357 **23**-*553,257* PC **A02**/MF **A01**

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DE85007610 **13**-*529,604* PC **A02**/MF **A01**

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DE85010950 **19**-*543,321* PC **A03**/MF **A01**

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DE85751473 **18**-*541,045* PC **A04**/MF **A01**

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DE85770238 **15**-*534,144* PC **A05**/MF **A01**

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AD-A150 404/2 **10**-*523,067* PC **A02**/MF **A01**

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N85-10732/4 **03**-*507,606* PC **A02**/MF **A01**

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N85-19796/0 **13**-*526,992* PC **A02**/MF **A01**

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PB85-231850 **23**-*552,003* PC **E03**/MF **E03**

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DE84702057 **02**-*505,067* PC **A02**/MF **A01**

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N84-33642/9 **01**-*500,022* PC **A02**/MF **A01**

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N85-11553/3 **04**-*510,555* PC **A02**/MF **A01**

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N85-18542/9 **12**-*527,655* PC **A04**/MF **A01**

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N85-27090/8 **19**-*543,772* PC **A04**/MF **A01**

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N85-27094/0 **19**-*543,774* PC **A08**/MF **A01**

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DE84008027 **03**-*505,991* PC **A02**/MF **A01**

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DE84770381 **04**-*508,985* PC **A11**/MF **A01**

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DE84780572 **09**-*519,053* PC **A07**/MF **A01**

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DE85000747 **07**-*515,344* PC **A03**/MF **A01**

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DE85017883 **26**-*560,506* PC **A10**/MF **A01**

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AD-A148 448/4 **05**-*512,644* PC **A06**/MF **A01**

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AD-A152 068/3 **13**-*529,907* PC **A06**/MF **A01**

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AD-A155 526/7 **19**-*543,756* PC **A02**/MF **A01**

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N85-18080/0 **12**-*525,980* PC **A05**/MF **A01**

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N85-18998/3 **13**-*529,821* PC **A02**/MF **A01**

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N85-31416/9 **23**-*551,933* PC **A02**/MF **A01**

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N85-13838/6 **08**-*518,310* PC **A08**/MF **A01**

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N85-18998/3 **13**-*529,821* PC **A02**/MF **A01**

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N85-19013/0 **13**-*530,722* PC **A02**/MF **A01**

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N85-21248/8 **14**-*532,882* PC **A02**/MF **A01**

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N85-21249/6 **14**-*532,897* PC **A03**/MF **A01**

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N85-23868/1 **17**-*539,633* PC **A04**/MF **A01**

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N85-11432/0 **04**-*509,024* PC **A05**/MF **A01**

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N85-19491/8 **13**-*529,021* PC **A03**/MF **A01**

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N85-19496/7 **13**-*529,823* PC **A03**/MF **A01**

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DE85014141 **24**-*556,393* PC **A02**/MF **A01**

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AD-A148 787/5 **06**-*513,988* PC **A03**/MF **A01**

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AD-A150 150/1 **10**-*522,904* PC **A03**/MF **A01**

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AD-A153 261/3 **15**-*534,242* PC **A03**/MF **A01**

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AD-A155 816/2 **21**-*548,611* PC **A04**/MF **A01**

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AD-A156 007/7 **21**-*548,806* PC **A04**/MF **A01**

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AD-P004 258/0 **06**-*513,791* PC **A03**/MF **A01**

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AD-P004 259/8 **06**-*513,792* PC **A03**/MF **A01**

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AD-P004 260/6 **06**-*513,793* PC **A02**/MF **A01**

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AD-P004 261/4 **06**-*514,040* PC **A02**/MF **A01**

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AD-P004 262/2 **06**-*513,794* PC **A02**/MF **A01**

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AD-P004 264/8 **06**-*513,796* PC **A02**/MF **A01**

Prediction of In-Sand Tire and Wheeled Vehicle Drawbar Performance,
AD-P004 265/5 **06**-*513,797* PC **A03**/MF **A01**

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AD-P004 267/1 **06**-*513,799* PC **A02**/MF **A01**

Rig for Testing the Soft Soil Performance of Track Systems,
AD-P004 272/1 **06**-*514,041* PC **A02**/MF **A01**

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AD-P004 279/6 **06**-*513,810* PC **A02**/MF **A01**

Comparison of Measured and Simulated Ride Comfort for an Agricultural Tractor and Influence of Travel Speed and Tyre-inflation Pressure on Dynamic Response,
AD-P004 281/2 **06**-*513,812* PC **A02**/MF **A01**

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AD-P004 290/3 **06**-*513,820* PC **A02**/MF **A01**

Pressure Tests in Soil below Tires of Agricultural Vehicles,
AD-P004 294/5 **06**-*513,823* PC **A02**/MF **A01**

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AD-P004 296/0 **06**-*513,824* PC **A02**/MF **A01**

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AD-P004 298/6 **06**-*513,826* PC **A02**/MF **A01**

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AD-P004 299/4 **06**-*513,827* PC **A02**/MF **A01**

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AD-P004 301/8 **06**-*513,829* PC **A02**/MF **A01**

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AD-P004 306/7 **06**-*513,834* PC **A03**/MF **A01**

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AD-P004 376/0 **11**-*523,273* PC **A02**/MF **A01**

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AD-P004 377/8 **11**-*523,274* PC **A02**/MF **A01**

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AD-P004 378/6 **11**-*524,689* PC **A02**/MF **A01**

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AD-P004 379/4 **11**-*523,275* PC **A02**/MF **A01**

Areal Evaluation of Vehicle Mobility,
AD-P004 380/2 **11**-*524,690* PC **A02**/MF **A01**

Predicting the Performance of Fast Cross Country Vehicles,
AD-P004 381/0 **11**-*525,313* PC **A02**/MF **A01**

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AD-P004 382/8 **11**-*525,804* PC **A02**/MF **A01**

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AD-P004 383/6 **11**-*524,691* PC **A02**/MF **A01**

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AD-P004 384/4 **11**-*524,692* PC **A02**/MF **A01**

Quick Connect Intervehicle Coupling System,
AD-P004 385/1 **11**-*524,693* PC **A02**/MF **A01**

Estimation for Wear Life of Heavy Dump Truck Tire,
AD-P004 386/9 **11**-*524,694* PC **A02**/MF **A01**

RUD Introduces a Chain Device Type 'TERRA' - The New Combination of Polyurethan and Alloy Steel for Snow, Sand and Off-the-Road Terrain,
AD-P004 387/7 **11**-*524,695* PC **A02**/MF **A01**

Use of Microcomputer Technology to Improve the Performance of Tractor/Implement Combinations,
AD-P004 388/5 **11**-*524,696* PC **A02**/MF **A01**

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AD-P004 390/1 **11**-*524,697* PC **A02**/MF **A01**

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AD-P004 391/9 **11**-*524,188* PC **A02**/MF **A01**

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AD-P004 392/7 **11**-*524,180* PC **A02**/MF **A01**

Lubricated Cone Penetrometer for Quantifying the Soil Physical Condition,
AD-P004 393/5 **11**-*524,189* PC **A02**/MF **A01**

Properties of Desert Silty Soil in Relation to Vehicle Mobility,
AD-P004 396/8 **11**-*524,192* PC **A02**/MF **A01**

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AD-P004 397/6 **11**-*524,698* PC **A02**/MF **A01**

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AD-P004 398/4 **11**-*524,699* PC **A02**/MF **A01**

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AD-P004 399/2 **11**-*524,700* PC **A02**/MF **A01**

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AD-P004 400/8 **11**-*523,276* PC **A02**/MF **A01**

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AD-P004 401/6 **11**-*524,701* PC **A02**/MF **A01**

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PB85-233187 **24**-*555,953* PC **A02**/MF **A01**

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AD-A148 318/9 **05**-*511,814* PC **A10**/MF **A01**

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AD-A148 988/9 **07**-*514,755* PC **A05**/MF **A01**

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AD-A149 735/3 **09**-*519,002* PC **A03**/MF **A01**

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AD-A150 015/6 **09**-*518,988* PC **A06**/MF **A01**

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AD-A151 284/7 **12**-*526,771* PC **A14**/MF **A01**

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AD-A153 253/0 **15**-*534,176* PC **A03**/MF **A01**

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AD-A156 721/3 **22**-*549,979* PC **A09**/MF **A01**

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AD-A157 208/0 **23**-*553,355* PC **A07**/MF **A01**

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AD-A157 209/8 **23**-*553,356* PC **A09**/MF **A01**

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AD-A157 633/9 **23**-*553,413* PC **A13**/MF **A01**

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AD-A157 679/2 **24**-*554,589* PC **A10**/MF **A01**

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AD-A158 601/1 **25**-*558,074* PC **A09**/MF **A01**

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DE84017186 **03**-*505,977* PC **A03**/MF **A01**

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DE84017227 **03**-*507,062* PC **A03**/MF **A01**

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DE84017235 **03**-*507,064* PC **A05**/MF **A01**

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DE84702386 **09**-*519,971* PC **A03**/MF **A01**

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DE84702564 **03**-*507,104* PC **A04**/MF **A01**

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DE84702934 **09**-*519,977* PC **A03**/MF **A01**

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DE84702936 **05**-*511,386* PC **A08**/MF **A01**

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DE84703033 **09**-*519,978* PC **A03**/MF **A01**

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N85-32772/4 **24**-*557,195* PC **A19**/MF **A01**

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PB85-200483 **18**-*540,927* PC **E03**/MF **E01**

Dowker Group,
PB85-200541 **18**-*540,929* PC **E03**/MF **E01**

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PB85-202554 **18**-*540,955* PC **E04**/MF **E01**

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Arbitrary Versus Regular Semigroups.
AD-A150 571/8 **10**-*522,199* PC **A04**/MF **A01**

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AD-A152 253/1 **13**-*529,558* PC **A03**/MF **A01**

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AD-A158 421/8 **25**-*558,505* PC **A02**/MF **A01**

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AD-A158 422/6 **25**-*558,506* PC **A02**/MF **A01**

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AD-A152 527/8 **14**-*532,239* PC **A18**/MF **A01**

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PB85-247823 **26**-*561,154* PC **A03**/MF **A01**

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DE85005787 **12**-*527,768* PC **A03**/MF **A01**

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PB85-151900 **10**-*521,779*
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PB85-157055 **10**-*521,799* PC **A02**/MF **A01**

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PB85-161529 **11**-*523,692* PC **A02**/MF **A01**

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PB85-166783 **11**-*523,316* PC **A03**/MF **A01**

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PB85-167781 **12**-*525,959* PC **A03**/MF **A01**

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PB85-167856 **12**-*525,964* PC **A02**/MF **A01**

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PB85-193126 **17**-*537,100* PC **A02**/MF **A01**

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PB85-204865 **19**-*542,161* PC **A02**/MF **A01**

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PB85-224335 **22**-*549,361* PC **E04**/MF **E04**

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PB85-226876 **22**-*549,368* PC **A02**/MF **A01**

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PB85-237709 **24**-*555,150* Not available NTIS

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PB85-237816 **23**-*552,607*
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PB85-238848 **25**-*557,260* PC **A03**/MF **A01**

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PB85-249142 **26**-*560,304* PC **A03**/MF **A01**

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PB85-193704 **17**-*537,554* Not available NTIS

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PAT-APPL-6-717 692 **20**-*544,745* PC **A03**/MF **A01**

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AD-A146 767/9 **02**-*503,411* Not available NTIS

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AD-A145 931/2 **01**-*500,585* PC **A02**/MF **A01**

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PATENT-4 474 816 **03**-*505,350* Not available NTIS

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PB85-181030 **13**-*528,700* PC **A99**/MF **E04**

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PB85-186112 **15**-*533,233* PC **E05**/MF **E05**

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PB85-142032 **06**-*513,275* Not available NTIS

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AD-A148 947/5 **07**-*515,081* PC **A03**/MF **A01**

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PB85-168987 **12**-*526,382* PC **A04**/MF **A01**

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DE84702430 **01**-*502,485* PC **A03**/MF **A01**

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DE84702624 **03**-*507,540* PC **A02**/MF **A01**

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DE84702625 **03**-*507,541* PC **A02**/MF **A01**

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DE84702814 **08**-*517,878* PC **A02**/MF **A01**

Description of Multihadron Production at Superhigh Energies in the Multicomponent Approach.
DE84703064 **04**-*510,267* PC **A02**/MF **A01**

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DE84703110 **09**-*518,412* PC **A02**/MF **A01**

Multiple Hadron Production in Three-Jet Events.
DE84703220 **09**-*520,343* PC **A02**/MF **A01**

A-Dependence of Hadron Pair Production with High Psub(T).
DE84703229 **09**-*520,349* PC **A02**/MF **A01**

Inelastic Interactions of Protons and alpha Particles with Nuclei at 4.5 GeV/C Per Nucleon with Fast Hadron Backward Emission.
DE84703366 **09**-*520,379* PC **A02**/MF **A01**

Meson and Baryon Masses for Light Kogut-Susskind Quarks on a Large Lattice.
DE84750898 **03**-*507,576* PC **A02**/MF **A01**

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DE84751536 **08**-*517,946* PC **A03**/MF **A01**

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DE84752017 **05**-*512,489* PC **A02**/MF **A01**

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DE84752342 **15**-*534,846* PC **A09**/MF **A01**

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Diffraction: What Do We Know; What Can We Learn.
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DE85015195 **25**-*559,532* PC **A02**/MF **A01**

Quark Clusters in Nuclei and QCD Evolution.
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DE85700654 **20**-*546,667* PC **A02**/MF **A01**

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DE85700674 **20**-*546,686* PC **A02**/MF **A01**

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DE85700848 **20**-*546,709* PC **A03**/MF **A01**

Large Transverse Momentum Single and Pair Hadron Production in Proton and pi -Meson Beams. FODS-2 Experiment Proposal.
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Quark-Gluon Model for Particle Production Processes.
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Hadron Jets in Cumulative Processes for pi exp - C Interactions at p= 40 GeV/C.
DE85701186 **20**-*546,739* PC **A02**/MF **A01**

Comparison of Structure Function Data to the Lopez-Yndurain Parametrizations.
DE85701447 **22**-*551,605* PC **A02**/MF **A01**

Properties of Multiplicity Distributions in nuA and AntinuA Interactions at Esub((Anti nu)) < = 30 GeV.
DE85701767 **25**-*559,585* PC **A02**/MF **A01**

Concept for a Hadron Calorimeter with Photodiode Readout.
DE85750009 **20**-*546,143* PC **A02**/MF **A01**

Experimental Study of the Photon Stucture Function F sub 2 at Q exp 2 from 10 to 220 GeV exp 2.
DE85750087 **11**-*525,495* PC **A03**/MF **A01**

Monte Carlo Calculation of Hadron Masses with Light Dynamical Quarks.
DE85750281 **15**-*534,894* PC **A02**/MF **A01**

Experimental Results on Hadron Pair Production by Two Photons.
DE85751625 **22**-*551,614* PC **A03**/MF **A01**

Identification of Hadrons Produced in Muon-Nucleon Deep Inelastic Scattering. Utilization of a Silica Aerogel Cherenkov Counter.
DE85780720 **15**-*535,009* PC **A06**/MF **A01**

New Approach to Center of Mass Motion in Relativistic Quark Models and Electroweak Properties of Hadrons.
DE85900967 **20**-*546,837* PC **A02**/MF **A01**

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DE85901039 **22**-*551,650* PC **A03**/MF **A01**

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DE85901040 **22**-*551,651* PC **A02**/MF **A01**

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PB85-232197 **23**-*554,271* PC **E04**/MF **E04**

1/(g sup 2) Corrections to Hadron Masses,
PB85-234128 **23**-*554,291* PC **E04**/MF **E04**

HADROPRODUCTION

Review of Charm Hadroproduction,
PB85-233419 **23**-*554,273* PC **E03**/MF **E03**

HAEMOPHILUS DUCREYI

Antimicrobial Susceptibility and Characterization of Outer Membrane Proteins of Haemophilus Ducreyi Isolated in Thailand.
AD-A153 560/8 **16**-*535,737* PC **A02**/MF **A01**

HAEMOPHILUS INFLUENZA

Conducting a Field Trial of Meningococcus Vaccine in Infants and Children 3 Months to 5 Years of Age. Annual Report November 80-October 81,
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AD-A146 225/8 **01**-*500,796* Not available NTIS

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HAFNIUM

Analysis of Sodium Metal by X-Ray Fluorescence Spectrometry.(I). Determination of Hf, Mo, Nb, Ta, Ti, V and Zr.
DE81700472 **20**-*544,948* PC **A03**/MF **A01**

Electrochemical Studies on Metallic Coated Titanium and Hafnium Electrodes.
DE84770411 **04**-*508,785* PC **A09**/MF **A01**

Continuous Stationary-Bed Ion Exchange: Incomparable Power for Difficult Separations Involving Higher Value Products.
DE85007571 **13**-*528,979* PC **A03**/MF **A01**

Determination of Hafnium in Zirconium Metal and Alloys by Inductively Coupled Plasma Using an Algorithm for Background Correction.
DE85701943 **26**-*560,511* PC **A02**/MF **A01**

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PB85-102150 **01**-*501,090* Not available NTIS

Electrical Resistivity of Selected Elements,
PB85-219855 **20**-*547,003* Not available NTIS

HAFNIUM 167

Investigation of the Rotational Nuclei sup 167 , sup 168 Hf and sup 170 , sup 171 W and the Shell-Model Nucleus sup 26 Mg.
DE85780926 **22**-*551,628* PC **A06**/MF **A01**

HAFNIUM 168

Investigation of the Rotational Nuclei sup 167 , sup 168 Hf and sup 170 , sup 171 W and the Shell-Model Nucleus sup 26 Mg.
DE85780926 **22**-*551,628* PC **A06**/MF **A01**

HAFNIUM 174

Heavy Mass Elements Total Half-Lives for Selected Long-Lived Nuclides.
DE85014218 **24**-*556,819* PC **A02**/MF **A01**

HAFNIUM 176 TARGET

Production of Heavy Nuclei in sup 40 Ar-Induced Fusion Reactions.
DE84751802 **02**-*505,018* PC **A06**/MF **A01**

HAFNIUM 177 TARGET

Production of Heavy Nuclei in sup 40 Ar-Induced Fusion Reactions.
DE84751802 **02**-*505,018* PC **A06**/MF **A01**

Study of the Low-Lying States in sup 178 Hf Through the Neutron Capture Reaction.
DE85000882 **06**-*514,154* PC **A02**/MF **A01**

HAFNIUM 178

Study of the Low-Lying States in sup 178 Hf Through the Neutron Capture Reaction.
DE85000882 **06**-*514,154* PC **A02**/MF **A01**

HAFNIUM 178 TARGET

Production of Heavy Nuclei in sup 40 Ar-Induced Fusion Reactions.
DE84751802 **02**-*505,018* PC **A06**/MF **A01**

HAFNIUM 179 TARGET

Production of Heavy Nuclei in sup 40 Ar-Induced Fusion Reactions.
DE84751802 **02**-*505,018* PC **A06**/MF **A01**

HAFNIUM 180

Measurement of the beta -Decay Branch in sup 180 Lu to Sup(180M)Hf for Investigation of the R-Process Nucleosynthesis of Sup(180M)Ta.
DE84752129 **09**-*520,436* PC **A02**/MF **A01**

HAFNIUM 180 TARGET

Production of Heavy Nuclei in sup 40 Ar-Induced Fusion Reactions.
DE84751802 **02**-*505,018* PC **A06**/MF **A01**

HAFNIUM ALLOYS

Early Stage of Crystallization of (Zr/sub 1-X/Hf/sub X/) sub 62 Ni sub 38 Metallic Glasses.
DE84017280 **03**-*507,267* PC **A03**/MF **A01**

HAFNIUM BASE ALLOYS

Crystallographic and Magnetic Property Changes Upon Hydrogen Absorption in Hf sub 2 Fe.
DE85750638 **17**-*539,483* PC **A02**/MF **A01**

HAFNIUM COMPLEXES

Methyltrihydroborate Complexes of the Lanthanides and Actinides.
DE85005156 **11**-*524,003* PC **A08**/MF **A01**

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Sensitivity Analysis of Heat Flow Through Irradiated Fur of Calves.
DE84015885 **01**-*500,836* PC **A02**

Concentration of Heavy Metals in Human Hair as a Function of an Industrial Lead Exposure.
DE84770462 **02**-*503,474* PC **A05**/MF **A01**

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DE85700344 **17**-*537,686* PC **A02**/MF **A01**

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PB85-134542 **05**-*510,950* PC **A04**/MF **A01**

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PB85-135986 **05**-*511,066* PC **A10**/MF **A01**

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PB85-187235 **16**-*535,639* PC **A06**/MF **A01**

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PB85-231876 **23**-*552,116* PC **A05**/MF **A01**

HALF-LIFE

Calculated Masses and Half-Lives for Nuclei in the Region 100 Less Than or Equal to Z Less Than or Equal to 110.
DE85002046 **05**-*512,500* PC **A02**/MF **A01**

Actinide Half-Lives as Standards for Nuclear Data Measurements: Current Status.
DE85003255 **09**-*520,478* PC **A02**/MF **A01**

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DE85004703 **11**-*525,454* PC **A02**/MF **A01**

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DE85004911 **11**-*525,463* PC **A02**/MF **A01**

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DE85005049 **11**-*525,468* PC **A02**/MF **A01**

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DE85012273 **22**-*551,532* PC **A02**/MF **A01**

Light Mass Elements Total Half-Lives for Selected Long-Lived Nuclides.
DE85014217 **24**-*556,818* PC **A02**/MF **A01**

Heavy Mass Elements Total Half-Lives for Selected Long-Lived Nuclides.
DE85014218 **24**-*556,819* PC **A02**/MF **A01**

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DE85700696 **20**-*546,705* PC **A02**/MF **A01**

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DE85751517 **20**-*546,795* PC **A03**/MF **A01**

Half Life of Plutonium-240.
PB85-124071 **04**-*510,316* Not available NTIS

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Biology and Management of Bald Eagles and Ospreys.
PB85-115848 **03**-*505,639* PC **E13**/MF **E01**

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Second Reference Calculation for the WIPP.
DE85013180 **23**-*553,914* PC **A04**/MF **A01**

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Reactions of Pentafluorotellurium Hypohalites with Fluoroolefins.
AD-A147 061/4 **02**-*503,497* PC **A02**/MF **A01**

Combustion Kinetics of Metal Oxide and Halide Radicals.
AD-A150 924/9 **11**-*525,659* PC **A02**/MF **A01**

Spectroscopic Studies of Lasing Transitions in the Diatomic Mercury Halides.
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Photoelectron Spectroscopic Study of Bonding in Inorganic and Organometallic Compounds.
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PB85-219036 **20**-*545,019* PC **A02**/MF **A01**

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Quantized Hall Effect in Single Quantum Wells of InAs.
AD-A145 804/1 **01**-*502,603* Not available NTIS

Novel Transport and Recombination Processes in Semiconductors.
AD-A145 969/2 **01**-*502,608* PC **A04**/MF **A01**

Fractional Quantum Hall Effect in a Two-Dimensional Hole System.
AD-A145 972/6 **01**-*502,609* Not available NTIS

Continued Studies in Hall Current Effects on Beam Stability.
AD-A148 557/2 **05**-*512,502* PC **A04**/MF **A01**

Theory of the Quantized Hall Conductivity Plateaus of Two-Dimensional Electron Systems.
AD-A152 569/0 **14**-*532,707* PC **A02**/MF **A01**

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AD-A153 552/5 **16**-*536,922* Not available NTIS

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AD-A157 978/8 **24**-*557,011* PC **A02**/MF **A01**

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DE84012611 **02**-*505,099* PC **A02**/MF **A01**

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N85-28337/2 **20**-*545,978* PC **A03**/MF **A01**

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PATENT-4 485 314 **10**-*522,011* Not available NTIS

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PB85-110112 **02**-*503,608* Not available NTIS

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PB85-131076
08-*518,163*
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PB85-131084
08-*518,164*
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PB85-131100
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N85-18933/0 **12**-*525,997* PC **A02**/MF **A01**

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N85-22324/6 **14**-*530,882* PC **A05**/MF **A01**

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N85-23460/7 **15**-*532,961* PC **A04**/MF **A01**

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Flow of Nitrogen-Pressurized Halon 1301 in Fire Extinguishing Systems.
N85-15701/4 **10**-*522,426* PC **A06**/MF **A01**

HALOFANTRINE
Antimalarial Drug Susceptibility Testing of Plasmodium falciparum in Thailand Using a Microdilution Radioisotope Method.
AD-A154 544/1 **18**-*540,051* PC **A02**/MF **A01**

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AD-A145 756/3 **01**-*500,959* Not available NTIS

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N85-12181/2 **06**-*514,297* PC **A02**/MF **A01**

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N84-34501/6 **02**-*504,316* PC **A03**/MF **A01**

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PB85-172781 **13**-*528,936* PC **E04**/MF **E04**

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PB85-174100 **13**-*528,805* Not available NTIS

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PB85-180149 **14**-*532,286* PC **E06**/MF **E06**

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HRP-0906130/0 **16**-*535,687* PC **A13**/MF **A01**

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HRP-0906131/8 **16**-*535,687* PC **A14**/MF **A01**

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HRP-0906132/6 **16**-*535,687* PC **A11**/MF **A01**

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HRP-0906133/4 **16**-*535,687* PC **A16**/MF **A01**

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HRP-0906134/2 **16**-*535,687* PC **A10**/MF **A01**

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HRP-0906135/9 **16**-*535,687* PC **A04**/MF **A01**

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HRP-0906136/7 **16**-*535,687* PC **A05**/MF **A01**

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HRP-0906137/5 **16**-*535,687* PC **A04**/MF **A01**

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HRP-0906141/7 **16**-*535,687* PC **A16**/MF **A01**

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HRP-0906142/5 **16**-*535,687* PC **A09**/MF **A01**

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HRP-0906143/3 **16**-*535,687* PC **A13**/MF **A01**

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HRP-0906148/2 **16**-*535,687* PC **A09**/MF **A01**

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HRP-0906149/0 **16**-*535,687* PC **A14**/MF **A01**

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HRP-0906155/7 **16**-*535,687* PC **A03**/MF **A01**

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HRP-0906156/5 **16**-*535,687* PC **A08**/MF **A01**

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HRP-0906157/3 **16**-*535,687* PC **A10**/MF **A01**

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HRP-0906158/1 **16**-*535,687* PC **A13**/MF **A01**

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HRP-0906159/9 **16**-*535,687* PC **A99**/MF **E04**

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HRP-0906160/7 **16**-*535,687* PC **A06**/MF **A01**

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HRP-0906165/6 **16**-*535,687* PC **A11**/MF **A01**

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HRP-0906167/2
16-*535,688*
See individual report for order number and price

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HRP-0906168/0 **16**-*535,688* PC **A02**/MF **A01**

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HRP-0906170/6 **16**-*535,688* PC **A14**/MF **A01**

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HRP-0906171/4 **16**-*535,688* PC **A11**/MF **A01**

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HRP-0906172/2 **16**-*535,688* PC **A12**/MF **A01**

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HRP-0906173/0 **16**-*535,688* PC **A03**/MF **A01**

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HRP-0906174/8 **16**-*535,688* PC **A02**/MF **A01**

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HRP-0906176/3 **16**-*535,688* PC **A13**/MF **A01**

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HRP-0906177/1 **16**-*535,688* PC **A99**/MF **A01**

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HRP-0906181/3 **16**-*535,688* PC **A17**/MF **A01**

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HRP-0906184/7 **16**-*535,688* PC **A21**/MF **A01**

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HRP-0906185/4 **16**-*535,688* PC **A12**/MF **A01**

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HRP-0906186/2 **16**-*535,688* PC **A05**/MF **A01**

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HRP-0906187/0 **16**-*535,688* PC **A06**/MF **A01**

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HRP-0906188/8 **16**-*535,688* PC **A04**/MF **A01**

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HRP-0906189/6 **16**-*535,688* PC **A15**/MF **A01**

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HRP-0906190/4 **16**-*535,688* PC **A16**/MF **A01**

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HRP-0906191/2 **16**-*535,688* PC **A15**/MF **A01**

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HRP-0906192/0 **16**-*535,688* PC **A20**/MF **A01**

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HRP-0906203/5 **16**-*535,688* PC **A14**/MF **A01**

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HRP-0906206/8 **16**-*535,688* PC **A03**/MF **A01**

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HRP-0906210/0 **16**-*535,688* PC **A99**/MF **E06**

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HRP-0906212/6 **16**-*535,688* PC **A04**/MF **A01**

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HOLMIUM 163

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DE84016892 02-*503,559* PC A05/MF A01

Production of HD Gas by Controlled Reaction of LiAlD sub 4 and H sub 2 O.
DE85000420 07-*514,675* PC A02/MF A01

HYDROGEN EMBRITTLEMENT

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AD-A147 385/9 03-*506,419* PC A02/MF A01

Hydrogen Attack in an Austenitic Stainless Steel.
AD-A147 901/3 04-*509,387* PC A02/MF A01

Hydrogen Embrittlement of Nickel.
AD-A148 322/1 05-*511,680* PC A07/MF A01

Effect of Microstructure and Trapping on the Hydrogen Embrittlement Susceptibility of a Ti-Bearing HSLA Steel.
AD-A148 610/9 06-*513,556* PC A09/MF A01

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Role of Hydrogen in the Stress Corrosion Failure of High Strength Al-Zn-Mg Alloys.
AD-A150 891/0 11-*524,464* PC A03/MF A01

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AD-A156 664/5 22-*550,419* PC A02/MF A01

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AD-A151 703/6 13-*528,937* PC A06/MF A01

Rotational Energy Transfer in Highly Vibrationally Excited Hydrogen Fluoride and Deuterium Fluoride.
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AD-A152 364/6 **14**-*531,236* PC **A03**/MF **A01**

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PB85-173227 **13**-*528,847* PC **A03**/MF **A01**

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INTERCEPTORS

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N85-21255/3 14-*532,885* PC **A03**/MF **A01**

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N85-33096/7 24-*554,659* PC **A06**/MF **A01**

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PB85-130250
08-*517,296*
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PB85-130268
06-*516,428*
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DE85016072 25-*559,685* PC **A02**/MF **A01**

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PB85-167112 12-*526,013* PC **E04**/MF **E01**

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N85-26475/0 20-*544,587* PC **A09**/MF **A01**

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Dielectric Friction and Ionic Mobility in Polar Liquids and Liquid Crystals.
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Ionization Front Accelerator: High Gradients, Demonstrated Particle Acceleration, and a Proposed Relativistic Accelerator.
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PB85-245157 26-*561,299* PC A03/MF A01

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AD-A147 724/9 04-*510,429* PC A03/MF A01

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PATENT-4 475 063 15-*534,380* Not available NTIS

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AD-A148 383/3 05-*511,134* PC **A02**/MF **A01**

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Determination of Platinum Metals and Americium when Analysing These Element Intermetallic Compounds and Alloys.
DE84702653 02-*503,581* PC **A02**/MF **A01**

Itinerant F-Electron Behavior in Ce and U Compounds.
DE85014961 25-*559,793* PC **A02**/MF **A01**

Structural Examination of Iridium-Based Single-Crystal Preparations.
DE85017550 26-*560,938* PC **A02**/MF **A01**

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DE85014991 24-*557,034* PC **A02**/MF **A01**

IRIDIUM COMPLEXES

Separation of Gas Mixtures by Supported Complexes.
DE85011996 20-*547,079* PC **A02**/MF **A01**

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AD-A147 725/6 04-*510,409* PC **A05**/MF **A01**

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AD-A148 143/1 04-*509,388* PC **A09**/MF **A01**

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AD-A149 336/0 08-*516,379* PC **A02**/MF **A01**

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DE85000898 04-*510,383* PC **A02**/MF **A01**

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DE85002074 04-*510,309* PC **A02**/MF **A01**

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Fast Diffusion and Electrotransport of Iron in Scandium.
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DE85700701 22-*551,569* PC **A02**/MF **A01**

Hyperfine Field on sup 19 Ne in Fe.
DE85700829 18-*541,893* PC **A02**/MF **A01**

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DE85701808 25-*559,100* PC **A03**/MF **A01**

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DE85750078 20-*546,095* PC **A07**/MF **A01**

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DE85750494 12-*527,123* PC **A10**/MF **A01**

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DE85770044 20-*544,989* PC **A06**/MF **A01**

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EMD-80-22 01-*501,850* MF **A01**

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N84-34618/8 02-*504,034* PC **A03**/MF **A01**

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N85-11217/5 04-*508,826* PC **A02**/MF **A01**

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N85-16272/5 10-*521,841* PC **A08**/MF **A01**

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N85-17376/3 11-*524,495* PC **A03**/MF **A01**

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N85-18996/7 13-*529,491* PC **A02**/MF **A01**

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N85-19072/6 13-*529,492* PC **A02**/MF **A01**

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N85-27915/6 20-*545,972* PC **A02**/MF **A01**

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N85-31071/2 23-*553,162* PC **A04**/MF **A01**

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PAT-APPL-6-642 310 01-*501,496* PC **A02**/MF **A01**

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PATENT-4 508 590 24-*556,610* Not available NTIS

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PB85-142420 05-*511,334* Not available NTIS

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EXAFS Study of the Passive Film on Iron.
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IRON 54 TARGET

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DE84702320 03-*507,523* PC **A02**/MF **A01**

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DE85015664 25-*559,538* PC **A08**/MF **A01**

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DE85751326 20-*546,781* PC **A03**/MF **A01**

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DE84016629 02-*504,974* PC **A21**/MF **A01**

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84 09-*520,327* PC **A02**/MF **A01**

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55 17-*539,395* PC **A07**/MF **A01**

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13 20-*546,651* PC **A02**/MF **A01**

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026 22-*551,517* PC **A02**/MF **A01**

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729 24-*556,840* PC **A04**/MF **A01**

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984 25-*559,536* PC **A06**/MF **A01**

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842 26-*561,802* PC **A03**/MF **A01**

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567 20-*546,807* PC **A02**/MF **A01**

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656 15-*534,995* PC **A06**/MF **A01**

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4912 24-*557,032* PC **A02**/MF **A01**

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2320 03-*507,523* PC **A02**/MF **A01**

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2664 09-*520,324* PC **A02**/MF **A01**

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02320 03-*507,523* PC **A02**/MF **A01**

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50514 15-*534,904* PC **A04**/MF **A01**

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04628 02-*503,299* PC **A07**/MF **A01**

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11814 19-*544,152* PC **A02**/MF **A01**

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48 539/0 05-*511,662* PC **A03**/MF **A01**

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149 805/4 09-*519,377* PC **A06**/MF **A01**

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LAMINAR FLOW AIRFOILS

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Decay Properties of sup 186 Pb and the Lead alpha-Decay Rate Anomaly.
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LEAD 192

Decay Properties of sup 186 Pb and the Lead alpha-Decay Rate Anomaly.
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Heavy Mass Elements Total Half-Lives for Selected Long-Lived Nuclides.
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Heavy Mass Elements Total Half-Lives for Selected Long-Lived Nuclides.
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LEAD 206 TARGET

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Contribution of Collective Freedom Degrees to the One-Particle Matrix Elements for Near-Magic Nuclei.
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Dipole Photon Scattering from Nuclei in the Lead Region.
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Contribution of Collective Freedom Degrees to the One-Particle Matrix Elements for Near-Magic Nuclei.
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Affordable Housing Demonstration: Four Case Studies, Birmingham, Alabama, Knox County, Tennessee, Lincoln, Nebraska, Sioux Falls, South Dakota.
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LINDANE

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Point Defects, Line Defects and Interfaces in Semiconductors.
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LINE DETECTION

Kenntnisgestuetzte Liniensuche in Digitalen Bildern (Edge and Line Detection from Digitized Photographs).
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LINE OF SIGHT

Real-Time Estimation of Amplitude and Group Delay Distortion in a PSK Line-of-Sight Communications Channel.
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Line of Sight of an Aberrated Optical System.
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LINE SCANNING

On-Board Processing for Linescan Sensors in Miniature Unmanned Aircraft.
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Filter Reflection Image Guide Oscillator and Solid State Line Scanning Device.
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LINE SHAPES

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Spectroscopic and Line-Narrowing Properties of Resonant Sum and Difference Frequency Generation.
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Radio Frequency Quadrupole and Alternating Phase Focusing Methods Used in Proton Linear Accelerator Technology in the USSR.
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Experimental Investigation of Certain Beam Transport Issues in a Pulsed Transmission Line Linear Accelerator,
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PB85-142479 05-*511,336* Not available NTIS

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PB85-169207 16-*535,880* Not available NTIS

Sorption of Lithium from a Geothermal Brine by Pelletized Mixed Aluminum-Lithium Hydrous Oxides.
PB85-245686 26-*560,947* PC A02/MF A01

LITHIUM 11

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DE85751245 24-*556,872* PC A02/MF A01

LITHIUM 13

Estimation of Cross Sections of Hypotetical sup 8 N sub 0 , sup 10 He sub 2 , sup 13 Li sub 3 Nuclei Production in the Framework of Fast Fragmentation Model.
DE85700687 20-*545,697* PC A02/MF A01

LITHIUM 6

Pion Inelastic Scattering to the First Three Excited States of Lithium-6.
AD-A147 560/7 03-*507,382* PC A09/MF A01

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DE82902992 02-*504,933* PC A02/MF A01

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DE84702652 15-*534,844* PC A03/MF A01

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DE84702648 08-*517,905* PC A02/MF A01

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DE85701633 26-*561,818* PC A02/MF A01

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Fusion and Nonfusion Phenomena in the sup 6 Li+ sup 40 Ca Reaction at 156 MeV.
DE84703389 09-*520,399* PC A03/MF A01

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DE84750563 09-*520,452* PC A05/MF A01

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DE85005014 11-*525,464* PC A02/MF A01

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DE85700137 09-*520,537* PC A02/MF A01

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DE85701020 22-*551,589* PC A02/MF A01

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DE85780655 15-*534,994* PC A04/MF A01

LITHIUM 7

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DE84702643 08-*517,900* PC A02/MF A01

LITHIUM 7 TARGET

Experiments on the Nuclear Interactions of Pions. Progress Report.
DE84015611 01-*502,466* PC A07/MF A01

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DE85013673 24-*556,805* PC A02/MF A01

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Synergistic Sputtering Properties of Binary Alloys.
DE84017493 03-*506,939* PC A03/MF A01

Phase Equilibria in Aluminium-Lithium-Magnesium Alloys at 200 degrees C, 300 degrees C and 400 degrees C and Their Hardening in a Casting State.
DE84770519 08-*516,869* PC A05/MF A01

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DE84770520 08-*516,870* PC A06/MF A01

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Self-Sustaining Low-Z Coatings for Fusion Applications II - Copper-Lithium.
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DE85005241 11-*524,478* PC A02/MF A01

Tritium Breeding Materials.
DE85005714 11-*524,979* PC A02/MF A01

Performance of a Copper-Lithium Alloy as an Impurity Control System Surface Material for a Fusion Reactor.
DE85006494 12-*527,696* PC A02/MF A01

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DE85006976 13-*530,545* PC A04/MF A01

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DE85009740 17-*538,842* PC A02/MF A01

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Theoretical Analysis of the Aging Response of Al-Li Alloys Strengthened by Al sub 3 Li Precipitates.
DE85016570 26-*560,927* PC A02/MF A01

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N85-28102/0 20-*545,519* PC A03/MF A01

LITHIUM ALUMINUM HYDRIDE

Phase Equilibria of Stored Chemical Energy Reactants.
PB85-121564 04-*508,842* PC A06/MF A01

LITHIUM ARSENIC HEXAFLUORIDE

Molecular Dynamics and Ionic Associations of LiAsF6 in 4-Butyrolactone Mixtures with 2-Methyltetrahydrofuran.
AD-A158 377/2 25-*557,911* PC A02/MF A01

LITHIUM BATTERIES

Lithium Battery Safety - A Fiber-Optic Application for Safe Observation of Lithium Cells under Severe Tests,
AD-A146 646/5 01-*501,437* PC A02/MF A01

Investigation of the Structure and Dynamics of Electrolytes in solvents Used for Primary and Secondary Li-Batteries.
AD-A153 099/7 15-*533,955* PC A02/MF A01

LITHIUM CARBIDES

Neutron Scattering Studies of Graphite Intercalation Compounds.
DE85003079 10-*522,926* PC A02/MF A01

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PB85-107365 02-*504,864* Not available NTIS

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PAT-APPL-6-614 077 21-*549,236* PC A03/MF A01

LITHIUM CELLS

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AD-A157 069/4 23-*553,087* PC A05/MF A01

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AD-A157 203/1 23-*553,088* PC A04/MF A01

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AD-A157 449/0 23-*553,090* PC A02/MF A01

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DE85002085 04-*509,358* PC **A02**/MF **A01**

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PAT-APPL-6-672 345 21-*548,097* PC **A02**/MF **A01**

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PAT-APPL-6-895 203 21-*548,099* PC **A02**/MF **A01**

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PAT-APPL-6-655 114 02-*504,021* PC **A02**/MF **A01**

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PAT-APPL-6-744 344 20-*545,454* PC **A02**/MF **A01**

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PAT-APPL-6-749 507 23-*553,110* PC **A02**/MF **A01**

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PAT-APPL-6-768 271 26-*560,876* PC **A02**/MF **A01**

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PB85-162279
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PB85-233856 24-*555,692* PC **E06**/MF **E06**

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LITHIUM CHLORIDE

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AD-A148 585/3 08-*513,165* PC **A02**/MF **A01**

LITHIUM CHLORIDES

Structure and Thermodynamic Properties of Molten Alkali Chlorides.
DE85700583 19-*542,805* PC **A02**/MF **A01**

MC-INDO Calculations of LiF, NaCl, LiCl and NaF Crystals.
DE85701716 25-*559,395* PC **A02**/MF **A01**

MC-UHF INDO CI Calculation of F Centers in Alkali Halides.
DE85701717 25-*559,396* PC **A02**/MF **A01**

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DE85701959 26-*560,414* PC **A02**/MF **A01**

LITHIUM COMPOUNDS

Phase Equilibria of Stored Chemical Energy Reactants.
AD-A146 527/7 01-*501,033* PC **A06**/MF **A01**

Selective Reductions. 36. Reaction of Lithium 9-Boratabicyclo(3.3.1)Nonane with Selected Organic Compounds Containing Representative Functional Groups.
AD-A153 497/3 16-*535,812* Not available NTIS

Selective Reductions. 35. Reaction of Representative Organic Functional Group with Lithium Borohydride in the Presence of B-Methoxy-9-Borabicyclo(3.3.1)Nonane. A Simple, Convenient Procedure for the Catalyzed Selective Reduction of Esters.
AD-A153 498/1 16-*535,813* Not available NTIS

Part A. Molecular Dynamics and Ionic Associations of LiAsF6 in 4-Butyrolactone Mixtures with 2-Methyl Tetrahydrofuran. Part B. Molecular Dynamics and Ionic Associations of LiBF4 in 1,2-Dimethoxymethane.
AD-A157 401/1 23-*552,493* PC **A04**/MF **A01**

Molecular Dynamics and Ionic Associations of LiAsF6 in 4-Butyrolactone Mixtures with 2-Methyltetrahydrofuran.
AD-A158 377/2 25-*557,911* PC **A02**/MF **A01**

Activity and Diffusivity of Lithium Intercalated in Graphite.
DE84006204 24-*555,301* PC **A08**/MF **A01**

Thermodynamic Study of Alkali Metal Clusters, and Gaseous Molecules in the Lithium Hydride, Oxide and Cyanide Systems.
DE84751629 03-*505,880* PC **A07**/MF **A01**

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DE85011414 20-*547,065* PC **A02**/MF **A01**

LITHIUM FERRATES

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AD-A156 350/1 21-*549,154* PC **A02**/MF **A01**

LITHIUM FLUORIDES

Theoretical and Experimental Stopping Powers for Heavy Charged Particles in TL Phosphors.
DE84703004 04-*510,005* PC **A02**/MF **A01**

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DE85001564 05-*512,394* PC **A02**/MF **A01**

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DE85015505 25-*558,797* PC **A02**/MF **A01**

MC-INDO Calculations of LiF, NaCl, LiCl and NaF Crystals.
DE85701716 25-*559,395* PC **A02**/MF **A01**

MC-UHF INDO CI Calculation of F Centers in Alkali Halides.
DE85701717 25-*559,396* PC **A02**/MF **A01**

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DE85701880 26-*560,509* PC **A03**/MF **A01**

Low-Energy Electron Collisions with Highly Polar-Molecules - LiF.
PB85-140358 05-*511,308* Not available NTIS

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DE84751384 03-*506,802* PC **A02**/MF **A01**

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DE84751629 03-*505,880* PC **A07**/MF **A01**

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Transition Metal Catalysis of Hydrogen Shuttling in Coal Liquefaction.
DE85016162 26-*561,974* PC **A02**/MF **A01**

LITHIUM HYDROXIDES

Mechanism of the Catalytic Gasification and Reactivity of Graphite.
DE85009932 18-*541,956* PC **A02**/MF **A01**

LITHIUM INORGANIC COMPOUNDS

EPR (Electron Paramagnetic Resonance) Study of Lithium Sulfate Monohydrate.
PB85-170967 13-*528,930* PC **E05**/MF **E01**

LITHIUM IONS

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DE84701916 09-*520,313* PC **A04**/MF **A01**

Negative Lithium Emission from a Tungsten Surface in a Plasma.
DE85003456 10-*522,609* PC **A02**/MF **A01**

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PB85-130391
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PB85-196244 17-*537,717* Not available NTIS

LITHIUM IRON VANADATES

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PB85-222255 21-*549,012* Not available NTIS

LITHIUM MOLYBDENUM SELENIDE

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PB85-142479 05-*511,336* Not available NTIS

LITHIUM MOLYBDENUM SULFIDE

Crystal Structures of the Chevrel Phases Li3.3Mo6S8 and Li3.2Mo6Se8.
PB85-142479 05-*511,336* Not available NTIS

LITHIUM NIOBATES

Measurement of Electroacoustic Coefficients in LiNbO3 and LiTaO3 and Application to Signal-Processing Devices.
AD-A147 595/3 03-*507,253* PC **A02**/MF **A01**

Comparison of Guided-Wave Interferometric Modulators Fabrication on LiNb03 via Ti Indiffusion and Proton Exchange.
AD-A147 797/5 04-*509,168* PC **A02**/MF **A01**

Guided-Wave Optics in LiNbO3: Physical Properties, Devices and Signal-Processing Systems.
AD-A155 088/8 18-*541,700* PC **A02**/MF **A01**

In situ Study of the Effects of Energetic Ion and Laser Beams on Quartz and Lithium Niobate Using Surface Acoustic Waves.
AD-A157 420/1 23-*554,314* Not available NTIS

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DE85013963 22-*551,779* PC **A02**/MF **A01**

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PB85-206886
19-*544,084*
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Phase Transition and Compression of LiNbO3 Under Static High Pressure.
PB85-229979 23-*554,171* Not available NTIS

LITHIUM OXIDES

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DE84016240 02-*504,599* PC **A02**/MF **A01**

Thermodynamic Study of Alkali Metal Clusters, and Gaseous Molecules in the Lithium Hydride, Oxide and Cyanide Systems.
DE84751629 03-*505,880* PC **A07**/MF **A01**

Thermal-Hydraulic/Thermo-Mechanical Testing of Solid Breeder Blanket Modules Using Microwave Energy.
DE85000576 11-*524,948* PC **A02**/MF **A01**

Thermal Conductivities for Sintered and Sphere-Pac Li sub 2 O and gamma exp - LiAlO sub 2 Solid Breeders with and Without Irradiation Effects.
DE85000775 07-*515,315* PC **A03**/MF **A01**

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DE85000781 07-*514,933* PC **A03**/MF **A01**

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DE85001564 05-*512,394* PC **A02**/MF **A01**

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DE85001817 08-*517,409* PC **A02**/MF **A01**

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DE85004814 11-*524,959* PC **A03**/MF **A01**

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DE85005714 11-*524,978* PC **A02**/MF **A01**

Creep of Li sub 2 O.
DE85005715 11-*524,979* PC **A02**/MF **A01**

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DE85007267 13-*526,970* PC **A03**/MF **A01**

Modeling of Tritium Transport in Lithium Aluminate Fusion Solid Breeders.
DE85007898 14-*532,416* PC **A02**/MF **A01**

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